

Welcome in Security





**Opera is an independent company.
The production premises are based in Modena (Italy),
town with an old tradition in lock manufacturing.**

The company was set up in 1997 and it is specialised in the manufacturing of electronic locks and doors accessories. From a company that manufactured products, Opera has evolved into a company that offers solutions aimed at improving the security and safety of individuals and their belongings. Today with more than 20 people and advanced production means, Opera is at the top of the European ranking of locks manufacturers.

INNOVATORS SINCE 1997

“It doesn’t make sense to hire smart people and tell them what to do;
we hire smart people so they can tell us what to do”

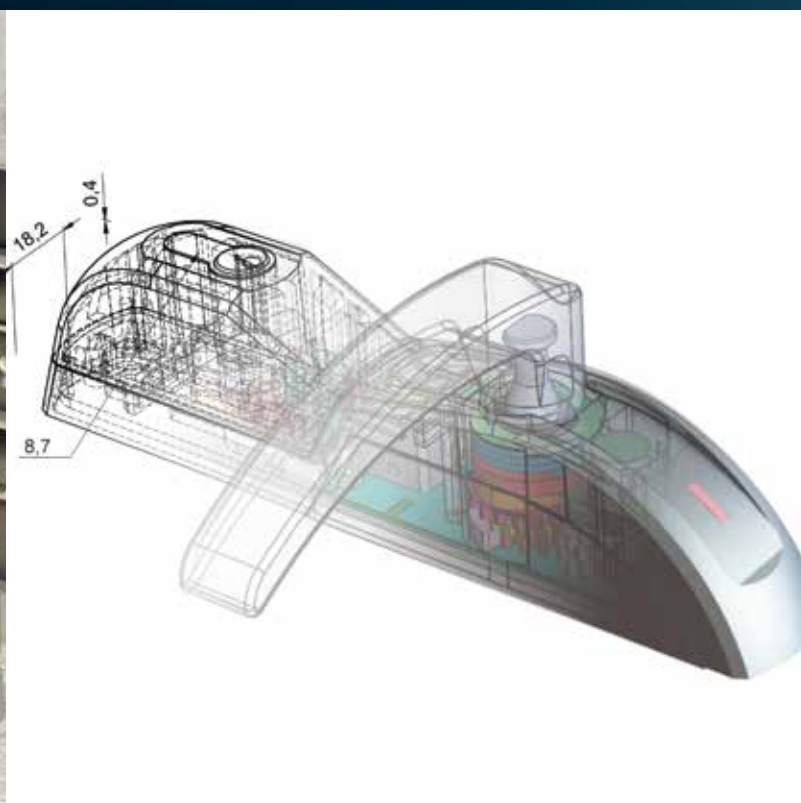
Steve Jobs

This is the way we move in our job. We transform ideas in projects because we believe in our people and in their skills.



27 YEARS OF WORK IN THE SECURITY BUSINESS





“MADE IN OPERA”
THIS IS MUCH MORE
THAN MADE IN ITALY.

100% LISTENING

Installation technicians, doors manufacturers, technical departments of the biggest companies producing security products, are our source. The request comes from the market and becomes our goal. To manufacture a product as the customer wishes is the only way of working we believe in.



100% SKILL

Engineers, electronics experts, mechanical technicians are our Research and Development department. We perform our ideas using the most innovative project software and the most modern laser cutting machines for quick prototyping.

100% MADE IN ITALY

We produce in Italy. We do not outsource production abroad; we believe in the quality of Italian companies and of our suppliers who are 90% from within Italy. Our high quality products are produced respecting environment and all relevant European standards.



100% COMMUNICATION

Our products fit for everybody. In 2013 we have created OPERA ACADEMY to update and inform the sales net about new products and field rules. In our headoffice in Modena, there is a dedicated meeting room at your disposal. You can contact us to fix an appointment, you will be our guest. If you wish, you could also visit our town and enjoy motors and gastronomy tours with professional tourist guides.

100% HOSPITABILITY

Technical data, prices, positive and negative peculiarities are visible to everybody. You only have to call or visit us on the web to get all the product information you need.



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53	00147	Spacer for magnetic lock 147 series
53	00147N	Spacer for magnetic lock 147 series
183	00171A	Pair of round cylinder for lock series 280
219	00212	Back up battery 12V / 2,2 Ah
134	00228	1mm spacer
182	00280A	Spacer for 280 series
182	00280AN	Spacer for 280 series
182	00280C	Spacer for 280 series
183	00280.1D	Fixing cover for cylinder CISA on electric lock 280 series - Right hand
183	00280.2D	Fixing cover for cylinder CISA on electric lock 280 series - Left hand
183	00280.1E	Fixing cover for cylinder ISEO on electric lock 280 series - Right hand
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182	00280S	Spacer for electric lock 280 series
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183	00281.1	Striking plate (replacement) 280 series
183	00281.2	Striking plate (replacement) 280 series
183	00281CP	Striking plate (replacement) 280 series
183	00281.1N	Striking plate (replacement) 280 series
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182	00282	Cover for 280 series
187	00287B	Magnet for series 28720 - color Brown
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99	00360B	Spacer for rim electric strike series 360B
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85	00416	Sottopiastra for Smart Trim electric handle
87	0042801A	Mounting plate for panic bar ANTIPANIC series 400
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87	0042803	Mounting plate for panic bar ASSA ABLOY START-TOUCH
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87	0042808A	Mounting plate for panic bar SAVIO BERNINI series 6000-CELLINI 6100
87	0042808B	Mounting plate for panic bar SAVIO JUVARRA 6010-BRUNELLESCHI 6110
87	0042808C	Mounting plate for panic bar SAVIO CIRCEO series KH
87	0042809	Mounting plate for panic bar ASSA ABLOY series UNIVERSAL
87	0042810	Mounting plate for panic bar ASSA ABLOY COMPOSIT
87	0042811	Mounting plate for panic bar VACHETTE
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53	01130	Armature plate for magnetic locks series Safety (replacement)
53	01134	Armature plate for magnetic locks series Safety (replacement)
53	01137	Armature plate for magnetic locks series Safety (replacement)
53	01137L	Armature plate for magnetic locks series Safety (replacement)
66	01620	Door holders
66	01620I	Door holders with plate
66	01630	Door holders
66	01630I	Door holders con Fix striking plate
72	01630ILV	Door holders with plate
70	01740	Fixing bracket for door holders color Black
70	01740B	Fixing bracket for door holders color White
70	01740BF	Fixing bracket for door holders color White
70	01740F	Fixing bracket for door holders color Black
70	01740M	Fixing bracket for door holders color Black
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70	01800Z	Fix striking plate for series 190
70	01805Z	Adjustable striking plate for series 190
274	01808	Cuttet key
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70	01810Z	Fix striking plate for series 181
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66	01820	Door holders
66	01820I	Door holders with plate
66	01830	Door holders
66	01830I	Door holders with fixing striking plate
128	02060	Bracket for the Side Mounting of the Quadra Micro solenoid bolts Series
128	02065	Carter for Quadra Micro solenoid bolts series
128	02114	Front Panel with European Profile Cylinder Opening Mechanism
128	02114S	Front Panel with Cruciform key Cylinder Opening Mechanism
128	02160	Bracket for the Side Mounting of the Quadra Electropiston Series
128	02165	Carter for Quadra solenoid bolts Series
128	02208	Striking plate for solenoid bolts series Quadra Micro
128	02208R	Striking plate for solenoid bolts series Quadra Micro
128	02218	Striking plate for solenoid bolts series Quadra
128	02218R	Striking plate for solenoid bolts series Quadra
216	02221	Recessed Magnetic Sensor
216	02223	Rim magnetic sensor
216	02225	Mechanical contact
140	02238	Recessed Striking plate - Spare part
140	02238CF	Fix striking plate - spare part
140	02238CFL	Fix striking plate - spare part
274	02250	Defender - armoured rose
197	02250L	Defender - armoured rose
187	02250LG	Defender - armoured rose
274	02251	Spacer for defender
197	02255	Striking plate for Electric lock Maxima Series
162/177	02258D	Striking plate for solenoid bolts series Prima and Classica
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186	02287	Fixing plate for Legion Motor Bolt
188	02288	Fixing plate for 288 Gate Bolt
184/186	02290	Floor plate for solenoid bolts series Gate Bolt / Legion
186	02291	Rim striking plate for Legion Motor Bolt
186	02291N	Rim striking plate for Legion Motor Bolt
186	02292	Striking plate Spacer for Legion Motor Bolt
186	02293	Striking plate Spacer for Legion Motor Bolt
187	02295	Fail safe circuit
144	02300	Striking plate for electric lock series Swing (replacement)
144	02301	Striking plate for electric lock series Swing (replacement)
140	02308.1	Rim cover carter for Arca Key and Arca Slide series
140	02308.2	Rim cover carter for Arca Key and Arca Slide series
141	02308.1S	Rim cover carter for Arca Slide S series
141	02308.2S	Rim cover carter for Arca Slide S series
140	02308.1CF	Rim cover carter for Arca Key and Arca Slide series
140	02308.2CF	Rim cover carter for Arca Key and Arca Slide series
141	02308.1CFS	Rim cover carter for Arca Slide S series
141	02308.2CFS	Rim cover carter for Arca Slide S series
162	0230930DX	Rim cover carter for Prima solenoid bolt series
162	0230930SX	Rim cover carter for Prima solenoid bolt series
176	02708	Rim cover carter for Classica solenoid bolt series
50	03000	L mounting bracket for Safety 130-131-140 series
50	03000N	L mounting bracket for Safety 130-131-140 series
50	03001	L Z mounting bracket for Safety 130-131-140 series
50	03001N	L Z mounting bracket for Safety 130-131-140 series
50	03002	L mounting bracket for Safety 130-131-140 series
50	03003	Fixing plate for fire proof doors
50	03004	Fixing plate for fire proof doors
50	03005	Cover carter for Safety 130-131 series
50	03006	Cover carter for Safety 130-131 series
50	03007	Fixin plate for glazed doors
104	03010	Short front plate steel made gray painted for Omnia series
104	03010S	Short front plate steel made gray painted for Omnia series
104	03030	Long front plate steel made gray painted for Omnia series
104	03030CRO	Long front plate chrome plated for Omnia series
104	03030GD	Long front plate steel made gold painted for Omnia series
104	03030.1GDR	Long front plate gold plated for Omnia series
104	03030.2GDR	Long front plate gold plated for Omnia series
105	03031	Long front plate stainless steel made for Omnia series
105	03130	Long front plate steel made gray painted for Omnia series
105	03131	Long front plate stainless steel made for Omnia series
105	03132	Long front plate steel made gray painted for Omnia series
105	03162	Angular short front plate steel made gold painted for Omnia series
105	03162BA	Angular short front plate steel made gold painted for Omnia series
106	03310	Short front plate for Omnia series 16
106	03310R	Short front plate for Omnia Radial series



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106	03330	Long front plate for Omnia series 16
106	03331	Long front plate for Omnia series 16
106	03342.1	Angular long front plate for Omnia 16
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107	03370.1	Long front plate for Omnia Blindo 700 series
107	03370.2	Long front plate for Omnia Blindo 700 series
107	03370R	Long front plate for Omnia Blindo 700 series
107	03371.1	Long front plate for Omnia Blindo 700 series
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107	03372	Long front plate for Omnia Micro series
107	03374.1	Long front plate for Omnia Blindo 700 series
107	03374.2	Long front plate for Omnia Blindo 700 series
107	03374R	Long front plate for Omnia Blindo 700 series
107	03375.1	Long front plate for Omnia Blindo 700 series
107	03375.2	Long front plate for Omnia Blindo 700 series
108	03410	Short front plate in aluminium for Omnia series
108	03411	Short front plate stainless steel made for Omnia series
108	03431	Long front plate stainless steel made for Omnia 1000 series
108	03442.1	Angular long front plate steel made gold painted for Omnia Micro series
108	03442.2	Angular long front plate steel made gold painted for Omnia Micro series
108	03442.1BA	Angular long front plate steel made gold painted for Omnia Micro series
108	03442.2BA	Angular long front plate steel made gold painted for Omnia Micro series
108	03445.1	Angular long front plate steel made satinato nichelato for Omnia Micro series
108	03445.2	Angular long front plate steel made satinato nichelato for Omnia Micro series
108	03445.1GD	Angular long front plate steel made gold plated for Omnia Micro series
108	03445.2GD	Angular long front plate steel made gold plated for Omnia Micro series
108	03446.1	Angular long front plate steel made satinato nichelato for Omnia Micro series
108	03446.2	Angular long front plate steel made satinato nichelato for Omnia Micro series
108	03446.1GD	Angular long front plate steel made gold plated for Omnia Micro series
108	03446.2GD	Angular long front plate steel made gold plated for Omnia Micro series
51	03500	L bracket for magnets Safety 127 series
51	03500N	L bracket for magnets Safety 127 series
51	03501	L Z bracket for magnets Safety 127 series
51	03501N	L Z bracket for magnets Safety 127 series
199	03510	Vertical handle
199	03515	Vertical handle
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51	03600	L bracket for magnets Safety 128 series
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51	03700	L bracket for magnets Safety 136 - 137 series
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52	03708LN	Mounting bracket for magnetic lock Safety series
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52	03709	Mounting bracket for magnetic lock Safety series
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52	03710N	Mounting bracket for magnetic lock Safety series
207	OP04500 56	Indicator lamp
207	OP04500 58	Indicator lamp
207	OP04501 56	Indicator lamp
207	OP04501 58	Indicator lamp
197	04925	Spare motor (replacement)
218	05110G	Manual call point - yellow
79/218	05110R	Manual call point - red
218	05110V	Manual call point - green
78	05115	Push button / reset
78	05203A	Smoke & heat detector
78	05203ABRA	Smoke & heat detector
78	05204A	Smoke & heat detector
78	05204ABRA	Smoke & heat detector
78	05206A	Testing spray
78	05207	Fire alarm sounder
218	05210	Current transformer 240/10 Vac for electric lock series Maxima
218	05211	Current transformer 240/12 Vac for incontri elettrici Omnia series
129	05216	Circuit PWM for series Quadra
215	05257	Intercom interface for electric lock management
215	05258	Relay module
215	05259-12	Magnetic sensor contact circuit
215	05259-24	Magnetic sensor contact circuit
215	05260	Automatic door timer circuit
218	05301C	Weekly timer
218	05310	Switching power supply 12 Vdc/1,5 A with timing adjustment
219	05312A	Switching power supply 12 Vdc / 3 A with back-up battery charger
219	05320A	Switching power supply 12 Vdc / 3 A with back-up battery charger
219	05320BD	Switching power supply 12 Vdc / 1,5 A DIN rail
219	05320XM	Switching power supply 12 Vdc / 26,5 A with back-up battery charger
219	05325A	Switching power supply 24 Vdc / 3 A with back-up battery charger
219	05326A	Switching power supply 24 Vdc / 10 A with back-up battery charger
219/265	05330BD	Switching power supply 24 Vdc / 630 mA DIN rail
219	05330XS	Switching power supply 24 Vdc / 1 A with back-up battery charger
219	05331A	Switching power supply 24 Vdc / 3 A with back-up battery charger
219	05332A	Switching power supply 24 Vdc / 10 A with back-up battery charger
197	05426	Cable for Maxima Lock
219	05346A	Plug in power supply for console ref. 54614A
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214	05502BR	Rim Aluminium box for indicator lamp ref. 55011BR
214	05502N	Rim Aluminium box for indicator lamp ref. 55011N
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244	05502PDB	Rim Aluminium box for indicator lamp
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235	05502T	Protective canopy
214	05503	Rim Aluminium box for indicator lamp ref. 55012
214	05503BR	Rim Aluminium box for indicator lamp ref. 55012BR
214	05503N	Rim Aluminium box for indicator lamp ref. 55012N
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208	05513	Intercom receiver
208	05514	Multi door intercom receiver
208	05515	Porter intercome
212	05540	Rim mounting box
212	05540N	Rim mounting box
244	05645	Time restart button
244	05648	Louder
245	05651	Canopy
245	05652	Rim box
245	05653	Rim box
250	05820	Biometric system
250	05820SB	Biometric system
211	05820P	Biometric system
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272	05912WEB	Counter people software
229	05913	Convertitore seriale
271	05914	Concentratore di dati wi-fi
271	05916	SD memory card
271	05917	Battery for people counter
274	08010 06	Double Euro-profile cylinder
274	08010 07	Double Euro-profile cylinder
274	08010 08	Double Euro-profile cylinder
274	08010 09	Double Euro-profile cylinder
274	08010 10	Double Euro-profile cylinder
274	08010 11	Double Euro-profile cylinder
274	08010 12	Double Euro-profile cylinder
274	08010 13	Double Euro-profile cylinder
274	08010 14	Double Euro-profile cylinder
274	08010 15	Double Euro-profile cylinder
274	08010 19	Double Euro-profile cylinder
274	08010 20	Double Euro-profile cylinder
274	08010 21	Double Euro-profile cylinder
274	08010 22	Double Euro-profile cylinder
274	08030 01	Single Euro-profile cylinder
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274	08030 05	Single Euro-profile cylinder
274	08030 06	Single Euro-profile cylinder



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274	08030 11	Single Euro-profile cylinder
274	08030 13	Single Euro-profile cylinder
274	08030 20	Single Euro-profile cylinder
274	08040 00	Key selector
217	08600	Concealed door loop
217	08600XL	Concealed door loop
217	08601	Concealed door loop
217	08605	Concealed door loop
217	08608	Door loop
217	08610	Door loop
217	08619	Door loop
217	08620	Door loop
217	08630A	Door loop with metal fixing terminals
217	08640	Door loop with metal fixing terminals
217	08641	Door loop with metal fixing terminals
217	08650	Tappet contacts
216	08700	Anti rebound ball-catch
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109	08711A	Latch lock
42	12500	Electromagnetic lock Safety series
42	12700	Electromagnetic lock Safety series
42	12800	Electromagnetic lock Safety series
42	12800M	Electromagnetic lock Safety series
42	12800MN	Electromagnetic lock Safety series
42	12800N	Electromagnetic lock Safety series
43	13000	Electromagnetic lock Safety series
43	13000N	Electromagnetic lock Safety series
43	13100	Electromagnetic lock Safety series
43	13100N	Electromagnetic lock Safety series
43	13100TD	Electromagnetic lock Safety series
43	13100TDN	Electromagnetic lock Safety series
44	13400	Electromagnetic lock Safety series
44	13400M	Electromagnetic lock Safety series
44	13500	Electromagnetic lock Safety series
44	13500M	Electromagnetic lock Safety series
44	13600	Electromagnetic lock Safety series
44	13600N	Electromagnetic lock Safety series
45	13700	Electromagnetic lock Safety series
49	13700KIT TF	Electromagnetic lock Safety series
49	13700KIT TFB	Electromagnetic lock Safety series
45	13700N	Electromagnetic lock Safety series
45	13700TD	Electromagnetic lock Safety series
45	13700TDL	Electromagnetic lock Safety series
45	13700TDN	Electromagnetic lock Safety series
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46	14000	Electromagnetic lock Safety series
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47	14224R	Electromagnetic lock Safety series
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47	14710TDN	Electromagnetic lock Safety series
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67	18003	Flush mounting door holder
67	18004	Door holder
67	18005	Floor mounting door holder - black
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69	18100	Door holder - 140 Kg
69	18101	Door holder - 140 Kg
69	18104	Door holder - 140 Kg
69	18104RES	Door holder - 140 Kg - Resin-coated
67	19000	Door holder - Black ABS cover - 24 Vdc
72	19000AC	Door holder - Black ABS cover - 24 Vac
72	19000ALV	Door holder - Black ABS cover - 12 Vac
72	19000DV	Door holder - Black ABS cover - 24/48 Vdc
67	19000GC	Door holder - Gray ABS cover - 24 Vdc
67	19000GCDV	Door holder - Gray ABS cover - 24/48 Vdc
72	19000GCHV	Door holder - Gray ABS cover - 48 Vdc
67	19000GCR	Door holder - Gray ABS cover - 24 Vdc - adjustable holding force
72	19000HV	Door holder - Black ABS cover - 48 Vdc
72	19000LF	Door holder - Black ABS cover - Holding force 20 Kg.
72	19000LV	Door holder - Black ABS cover - 12 Vdc
72	19000M	Door holder - Black ABS cover - 24 Vdc with reed
67	19000R	Door holder - Black ABS cover - 24 Vdc - adjustable holding force
67	19001	Door holder - Black ABS cover - 24 Vdc
72	19001AC	Door holder - Black ABS cover - 24 Vac
72	19001ALV	Door holder - Black ABS cover - 12 Vac
67	19001DV	Door holder - Black ABS cover - 24/48 Vdc
67	19001GC	Door holder - Gray ABS cover - 24 Vdc
72	19001GCDV	Door holder - Gray ABS cover - Dual Voltage
72	19001GCHV	Door holder - Gray ABS cover - 48 Vdc
72	19001GCR	Door holder - Gray ABS cover - 24 Vdc - adjustable holding force
72	19001HV	Door holder - Black ABS cover - 48 Vdc
72	19001LF	Door holder - Black ABS cover - Holding force 20 Kg.
72	19001LV	Door holder - Black ABS cover - 12 Vdc
72	19001M	Door holder - Black ABS cover - 24 Vdc with reed
67	19001R	Door holder - Black ABS cover - 24 Vdc - adjustable holding force
68	19002	Door holder - S.a.a aluminium cover - 24 Vdc
72	19002AC	Door holder - S.a.a aluminium cover - 24 Vac
72	19002ALV	Door holder - S.a.a aluminium cover - 12 Vac
72	19002DV	Door holder - S.a.a aluminium cover - Dual Voltage 24/48 Vdc
68	19002GD	Door holder - S.a.a aluminium cover Gold plated - 24 Vdc
72	19002GDAC	Door holder - S.a.a aluminium cover Gold plated - 24 Vac
68	19002GDDV	Door holder - S.a.a aluminium cover Gold plated - Dual Voltage 24/48 Vdc
72	19002GDHV	Door holder - S.a.a aluminium cover Gold plated - 48 Vdc
72	19002GDLF	Door holder - S.a.a aluminium cover Gold plated - Holding force 20 Kg.
72	19002GDLV	Door holder - S.a.a aluminium cover Gold plated - 12 Vdc
72	19002GDM	Door holder - S.a.a aluminium cover Gold plated - 24 Vdc with reed



PAGE	ITEM	DESCRIPTION
68	19002GDR	Door holder - S.a.a aluminium cover Gold plated - 24 Vdc - adjustable holding force
72	19002HV	Door holder - S.a.a aluminium cover - 48 Vdc
72	19002LF	Door holder - S.a.a aluminium cover - Holding force 20 Kg.
72	19002LV	Door holder - S.a.a aluminium cover - 12 Vac
72	19002M	Door holder - S.a.a aluminium cover - 24 Vdc with reed
68	19002N	Door holder - Dark aluminium cover - 24 Vdc
72	19002NAC	Door holder - Dark aluminium cover - 24 Vac
72	19002NDV	Door holder - Dark aluminium cover - Dual Voltage 24/48 Vdc
72	19002NR	Door holder - Dark aluminium cover - 24 Vdc - adjustable holding force
72	19002NHV	Door holder - Dark aluminium cover - 48 Vdc
72	19002NLF	Door holder - Dark aluminium cover - Holding force 20 Kg.
72	19002NLV	Door holder - Dark aluminium cover - 12 Vdc
72	19002NM	Door holder - Dark aluminium cover - 24 Vdc with reed
72	19002R	Door holder - S.a.a aluminium cover - 24 Vdc - adjustable holding force
118	20610-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
118	20610-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
121	20610XS-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
121	20610XS-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
118	20611-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
118	20611-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
121	20611XS-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
121	20611XS-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
118	20612	Mortice solenoid bolt QUADRA MICRO - 12/24Vdc with electronic
118	20613-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
118	20613-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
121	20613XS-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
121	20613XS-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
121	20613XSAM-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
121	20613XSAM-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
119	20810-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
119	20810-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
121	20810XS-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
121	20810XS-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
119	20811-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
119	20811-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
121	20811XS-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
121	20811XS-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
119	20812	Mortice solenoid bolt QUADRA MICRO - 12/24Vdc with electronic
119	20813-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
119	20813-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
121	20813XS-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
121	20813XS-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
121	20813XSAM-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
121	20813XSAM-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
120	20910-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
120	20910-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
120	20910A-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
120	20910A-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
122	20910XS-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
122	20910XS-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
122	20910XSA-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc



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PAGE	ITEM	DESCRIPTION
122	20910XSA-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
120	20911-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
120	20911-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
120	20911A-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
120	20911A-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
122	20911XS-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
122	20911XS-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
122	20911XSA-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
122	20911XSA-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
120	20913-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
120	20913-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
120	20913A-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
120	20913A-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
122	20913XS-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
122	20913XS-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
122	20913XSA-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
122	20913XSA-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
122	20913XSAM-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
122	20913XSAM-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
122	20913XSAAM-12	Mortice solenoid bolt QUADRA MICRO - 12 Vdc
122	20913XSAAM-24	Mortice solenoid bolt QUADRA MICRO - 24 Vdc
123	21610	Mortice solenoid bolt QUADRA - 12/24Vdc
123	21611	Mortice solenoid bolt QUADRA - 12/24Vdc
123	21612	Mortice solenoid bolt QUADRA - 12/24Vdc
123	21613	Mortice solenoid bolt QUADRA - 12/24Vdc
123	21613AM	Mortice solenoid bolt QUADRA - 12/24Vdc
126	21614	Mortice solenoid bolt QUADRA - 12/24Vdc
126	21614S	Mortice solenoid bolt QUADRA - 12/24Vdc
126	21615	Mortice solenoid bolt QUADRA - 12/24Vdc
126	21615S	Mortice solenoid bolt QUADRA - 12/24Vdc
126	21616	Mortice solenoid bolt QUADRA - 12/24Vdc
126	21616S	Mortice solenoid bolt QUADRA - 12/24Vdc
124	21810	Mortice solenoid bolt QUADRA - 12/24Vdc
124	21811	Mortice solenoid bolt QUADRA - 12/24Vdc
124	21812	Mortice solenoid bolt QUADRA - 12/24Vdc
124	21813	Mortice solenoid bolt QUADRA - 12/24Vdc
124	21813AM	Mortice solenoid bolt QUADRA - 12/24Vdc
127	21814	Mortice solenoid bolt QUADRA - 12/24Vdc
127	21814S	Mortice solenoid bolt QUADRA - 12/24Vdc
127	21815	Mortice solenoid bolt QUADRA - 12/24Vdc
127	21815S	Mortice solenoid bolt QUADRA - 12/24Vdc
127	21816	Mortice solenoid bolt QUADRA - 12/24Vdc
127	21816S	Mortice solenoid bolt QUADRA - 12/24Vdc
125	21910	Mortice solenoid bolt QUADRA - 12/24Vdc
125	21911	Mortice solenoid bolt QUADRA - 12/24Vdc
125	21913	Mortice solenoid bolt QUADRA - 12/24Vdc
125	21913AM	Mortice solenoid bolt QUADRA - 12/24Vdc
127	21914	Mortice solenoid bolt QUADRA - 12/24Vdc
127	21914S	Mortice solenoid bolt QUADRA - 12/24Vdc
127	21915	Mortice solenoid bolt QUADRA - 12/24Vdc
127	21915S	Mortice solenoid bolt QUADRA - 12/24Vdc



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134	22800M	Electric lock for cabinets
134	22800MBR	Electric lock for cabinets
135	22912	Security electric lock Arca Key series
136	22912A	Rotary motor lock without front plate
135	22912CS	Security electric lock Arca Key series
136	22912AF	Rotary motor lock with front plate
138	22922S	Security electric lock Arca Key series
138	22922SF	Security electric lock Arca Key series
135	22924	Security electric lock Arca Key series
135	22924CS	Security electric lock Arca Key series
138	22924S	Security electric lock Arca Key series
138	22924SF	Security electric lock Arca Key series
144	23000	Electric lock for swing doors
112	23500.20	electric lock series Gemina 12 Vac
112	23500.25	electric lock series Gemina 12V ac
112	23500.30	electric lock series Gemina 12 Vac
112	23500.35	electric lock series Gemina 12 Vac
112	23500.40	electric lock series Gemina 12 Vac
112	23500.50	electric lock series Gemina 12 Vac
112	23500.60	electric lock series Gemina 12 Vac
141	23622S	Electric lock for sliding doors - 12 Vdc
141	23622SCF	Electric lock for sliding doors - 12 Vdc
141	23624S	Electric lock for sliding doors - 24 Vdc
141	23624SCF	Electric lock for sliding doors - 24 Vdc
140	23800	Mechanical lock for sliding doors
140	23800FG	Mechanical lock for sliding doors
140	23822	Electric lock for sliding doors - 12 Vdc
140	23822CF	Electric lock for sliding doors - 12 Vdc
140	23822CFFG	Electric lock for sliding doors - 12 Vdc
140	23822FG	Electric lock for sliding doors - 12 Vdc
140	23824	Electric lock for sliding doors - 24 Vdc
140	23824CF	Electric lock for sliding doors - 24 Vdc
140	23824CFFG	Electric lock for sliding doors - 24 Vdc
140	23824FG	Electric lock for sliding doors - 24 Vdc
141	23822S	Electric lock for sliding doors - 12 Vdc
141	23822SCF	Electric lock for sliding doors - 12 Vdc
141	23824S	Electric lock for sliding doors - 24 Vdc
141	23824SCF	Electric lock for sliding doors - 24 Vdc
156	2460025	PRIMA series solenoid bolt - backset 25 mm
156	2460030	PRIMA series solenoid bolt - backset 30 mm
156	2460035	PRIMA series solenoid bolt - backset 35 mm
156	2460060	PRIMA series solenoid bolt - backset 60 mm
156	2460025SA	PRIMA series solenoid bolt - backset 25 mm
156	2460030SA	PRIMA series solenoid bolt - backset 30 mm
156	2460035SA	PRIMA series solenoid bolt - backset 35 mm
156	2460060SA	PRIMA series solenoid bolt - backset 60 mm
156	2460025XL	PRIMA series solenoid bolt - backset 25 mm
156	2460030XL	PRIMA series solenoid bolt - backset 30 mm
156	2460035XL	PRIMA series solenoid bolt - backset 35 mm
156	2460060XL	PRIMA series solenoid bolt - backset 60 mm
156	2460025SAXL	PRIMA series solenoid bolt - backset 25 mm



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PAGE	ITEM	DESCRIPTION
156	2460030SAXL	PRIMA series solenoid bolt - backset 30 mm
156	2460035SAXL	PRIMA series solenoid bolt - backset 35 mm
156	2460060SAXL	PRIMA series solenoid bolt - backset 60 mm
156	2460825	PRIMA series solenoid bolt - backset 25 mm
156	2460830	PRIMA series solenoid bolt - backset 30 mm
156	2460835	PRIMA series solenoid bolt - backset 35 mm
156	2460860	PRIMA series solenoid bolt - backset 60 mm
156	2460825SA	PRIMA series solenoid bolt - backset 25 mm
156	2460830SA	PRIMA series solenoid bolt - backset 30 mm
156	2460835SA	PRIMA series solenoid bolt - backset 35 mm
156	2460860SA	PRIMA series solenoid bolt - backset 60 mm
156	2460825XL	PRIMA series solenoid bolt - backset 25 mm
156	2460830XL	PRIMA series solenoid bolt - backset 30 mm
156	2460835XL	PRIMA series solenoid bolt - backset 35 mm
156	2460860XL	PRIMA series solenoid bolt - backset 60 mm
156	2460825SAXL	PRIMA series solenoid bolt - backset 25 mm
156	2460830SAXL	PRIMA series solenoid bolt - backset 30 mm
156	2460835SAXL	PRIMA series solenoid bolt - backset 35 mm
156	2460860SAXL	PRIMA series solenoid bolt - backset 60 mm
166	2462030	PRIMA MAXI Series solenoid bolt
166	2462830	PRIMA MAXI Series solenoid bolt
156	2480025	PRIMA series solenoid bolt - backset 25 mm
156	2480030	PRIMA series solenoid bolt - backset 30 mm
156	2480035	PRIMA series solenoid bolt - backset 35 mm
156	2480060	PRIMA series solenoid bolt - backset 60 mm
156	2480025SA	PRIMA series solenoid bolt - backset 25 mm
156	2480030SA	PRIMA series solenoid bolt - backset 30 mm
156	2480035SA	PRIMA series solenoid bolt - backset 35 mm
156	2480060SA	PRIMA series solenoid bolt - backset 60 mm
156	2480025XL	PRIMA series solenoid bolt - backset 25 mm
156	2480030XL	PRIMA series solenoid bolt - backset 30 mm
156	2480035XL	PRIMA series solenoid bolt - backset 35 mm
156	2480060XL	PRIMA series solenoid bolt - backset 60 mm
156	2480025SAXL	PRIMA series solenoid bolt - backset 25 mm
156	2480030SAXL	PRIMA series solenoid bolt - backset 30 mm
156	2480035SAXL	PRIMA series solenoid bolt - backset 35 mm
156	2480060SAXL	PRIMA series solenoid bolt - backset 60 mm
156	2480825	PRIMA series solenoid bolt - backset 25 mm
156	2480830	PRIMA series solenoid bolt - backset 30 mm
156	2480835	PRIMA series solenoid bolt - backset 35 mm
156	2480860	PRIMA series solenoid bolt - backset 60 mm
156	2480825SA	PRIMA series solenoid bolt - backset 25 mm
156	2480830SA	PRIMA series solenoid bolt - backset 30 mm
156	2480835SA	PRIMA series solenoid bolt - backset 35 mm
156	2480860SA	PRIMA series solenoid bolt - backset 60 mm
156	2480825XL	PRIMA series solenoid bolt - backset 25 mm
156	2480830XL	PRIMA series solenoid bolt - backset 30 mm
156	2480835XL	PRIMA series solenoid bolt - backset 35 mm
156	2480860XL	PRIMA series solenoid bolt - backset 60 mm
156	2480825SAXL	PRIMA series solenoid bolt - backset 25 mm
156	2480830SAXL	PRIMA series solenoid bolt - backset 30 mm



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156	2480835SAXL	PRIMA series solenoid bolt - backset 35 mm
156	2480860SAXL	PRIMA series solenoid bolt - backset 60 mm
166	2482030	PRIMA MAXI Series solenoid bolt
166	2482830	PRIMA MAXI Series solenoid bolt
194	25500.20	Electric lock Maxima Series - backset 20 mm
194	25500.25	Electric lock Maxima Series - backset 25 mm
194	25500.30	Electric lock Maxima Series - backset 30 mm
194	25500.35	Electric lock Maxima Series - backset 35 mm
194	25500.50	Electric lock Maxima Series - backset 50 mm
194	25511.20	Electric lock Maxima Series with pivoting hook - backset 20 mm
194	25511.25	Electric lock Maxima Series with pivoting hook - backset 25 mm
194	25511.30	Electric lock Maxima Series with pivoting hook - backset 30 mm
194	25511.35	Electric lock Maxima Series with pivoting hook - backset 35 mm
194	25511.50	Electric lock Maxima Series with pivoting hook - backset 50 mm
158	25600.25	PRIMA series solenoid bolt for single door - backset 25 mm
158	25600.30	PRIMA series solenoid bolt for single door - backset 30 mm
158	25600.35	PRIMA series solenoid bolt for single door - backset 35 mm
158	25600.60	PRIMA series solenoid bolt for single door - backset 60 mm
159	25600.25FL	PRIMA series, long front plate - backset 25 mm
159	25600.30FL	PRIMA series, long front plate - backset 30 mm
159	25600.35FL	PRIMA series, long front plate - backset 35 mm
159	25600.60FL	PRIMA series, long front plate - backset 60 mm
158	2560025SA	PRIMA series solenoid bolt for single door - backset 25 mm
158	2560030SA	PRIMA series solenoid bolt for single door - backset 30 mm
158	2560035SA	PRIMA series solenoid bolt for single door - backset 35 mm
158	2560060SA	PRIMA series solenoid bolt for single door - backset 60 mm
158	2560025XL	PRIMA series solenoid bolt for single door - backset 25 mm
158	2560030XL	PRIMA series solenoid bolt for single door - backset 30 mm
158	2560035XL	PRIMA series solenoid bolt for single door - backset 35 mm
158	2560060XL	PRIMA series solenoid bolt for single door - backset 60 mm
158	2560025SAXL	PRIMA series solenoid bolt for single door - backset 25 mm
158	2560030SAXL	PRIMA series solenoid bolt for single door - backset 30 mm
158	2560035SAXL	PRIMA series solenoid bolt for single door - backset 35 mm
158	2560060SAXL	PRIMA series solenoid bolt for single door - backset 60 mm
158	25608.25	PRIMA series solenoid bolt for single door - backset 25 mm
158	25608.30	PRIMA series solenoid bolt for single door - backset 30 mm
158	25608.35	PRIMA series solenoid bolt for single door - backset 35 mm
158	25608.60	PRIMA series solenoid bolt for single door - backset 60 mm
159	25608.25FL	PRIMA series, long front plate - backset 25 mm
159	25608.30FL	PRIMA series, long front plate - backset 30 mm
159	25608.35FL	PRIMA series, long front plate - backset 35 mm
159	25608.60FL	PRIMA series, long front plate - backset 60 mm
158	2560825SA	PRIMA series solenoid bolt for single door - backset 25 mm
158	2560830SA	PRIMA series solenoid bolt for single door - backset 30 mm
158	2560835SA	PRIMA series solenoid bolt for single door - backset 35 mm
158	2560860SA	PRIMA series solenoid bolt for single door - backset 60 mm
158	2560825XL	PRIMA series solenoid bolt for single door - backset 25 mm
158	2560830XL	PRIMA series solenoid bolt for single door - backset 30 mm
158	2560835XL	PRIMA series solenoid bolt for single door - backset 35 mm
158	2560860XL	PRIMA series solenoid bolt for single door - backset 60 mm
158	2560825SAXL	PRIMA series solenoid bolt for single door - backset 25 mm



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158	2560835SAXL	PRIMA series solenoid bolt for single door - backset 35 mm
158	2560860SAXL	PRIMA series solenoid bolt for single door - backset 60 mm
167	2562030	PRIMA series solenoid bolt Maxi for single door - backset 30 mm
167	2562830	PRIMA series solenoid bolt Maxi for single door - backset 30 mm
158	25800.25	PRIMA series solenoid bolt for single door - backset 25 mm
158	25800.30	PRIMA series solenoid bolt for single door - backset 30 mm
158	25800.35	PRIMA series solenoid bolt for single door - backset 35 mm
158	25800.60	PRIMA series solenoid bolt for single door - backset 60 mm
159	25800.25FL	PRIMA series solenoid bolt for single door - backset 25 mm
159	25800.30FL	PRIMA series solenoid bolt for single door - backset 30 mm
159	25800.35FL	PRIMA series solenoid bolt for single door - backset 35 mm
159	25800.60FL	PRIMA series solenoid bolt for single door - backset 60 mm
158	2580025SA	PRIMA series solenoid bolt for single door - backset 25 mm
158	2580030SA	PRIMA series solenoid bolt for single door - backset 30 mm
158	2580035SA	PRIMA series solenoid bolt for single door - backset 35 mm
158	2580060SA	PRIMA series solenoid bolt for single door - backset 60 mm
158	2580025XL	PRIMA series solenoid bolt for single door - backset 25 mm
158	2580030XL	PRIMA series solenoid bolt for single door - backset 30 mm
158	2580035XL	PRIMA series solenoid bolt for single door - backset 35 mm
158	2580060XL	PRIMA series solenoid bolt for single door - backset 60 mm
158	2580025SAXL	PRIMA series solenoid bolt for single door - backset 25 mm
158	2580030SAXL	PRIMA series solenoid bolt for single door - backset 30 mm
158	2580035SAXL	PRIMA series solenoid bolt for single door - backset 35 mm
158	2580060SAXL	PRIMA series solenoid bolt for single door - backset 60 mm
158	25808.25	PRIMA series solenoid bolt for single door - backset 25 mm
158	25808.30	PRIMA series solenoid bolt for single door - backset 30 mm
158	25808.35	PRIMA series solenoid bolt for single door - backset 35 mm
158	25808.60	PRIMA series solenoid bolt for single door - backset 60 mm
159	25808.25FL	PRIMA series solenoid bolt for single door - backset 25 mm
159	25808.30FL	PRIMA series solenoid bolt for single door - backset 30 mm
159	25808.35FL	PRIMA series solenoid bolt for single door - backset 35 mm
159	25808.60FL	PRIMA series solenoid bolt for single door - backset 60 mm
158	2580825SA	PRIMA series solenoid bolt for single door - backset 25 mm
158	2580830SA	PRIMA series solenoid bolt for single door - backset 30 mm
158	2580835SA	PRIMA series solenoid bolt for single door - backset 35 mm
158	2580860SA	PRIMA series solenoid bolt for single door - backset 60 mm
158	2580825XL	PRIMA series solenoid bolt for single door - backset 25 mm
158	2580830XL	PRIMA series solenoid bolt for single door - backset 30 mm
158	2580835XL	PRIMA series solenoid bolt for single door - backset 35 mm
158	2580860XL	PRIMA series solenoid bolt for single door - backset 60 mm
158	2580825SAXL	PRIMA series solenoid bolt for single door - backset 25 mm
158	2580830SAXL	PRIMA series solenoid bolt for single door - backset 30 mm
158	2580835SAXL	PRIMA series solenoid bolt for single door - backset 35 mm
158	2580860SAXL	PRIMA series solenoid bolt for single door - backset 60 mm
167	2582030	PRIMA series solenoid bolt Maxi for single door - backset 30 mm
167	2582830	PRIMA series solenoid bolt Maxi for single door - backset 30 mm
160	25900.25	PRIMA series solenoid bolt for single door with latch - backset 25 mm
160	25900.30	PRIMA series solenoid bolt for single door with latch - backset 30 mm
160	25900.35	PRIMA series solenoid bolt for single door with latch - backset 35 mm
160	25900.60	PRIMA series solenoid bolt for single door with latch - backset 60 mm



[illegible]

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174	26608SAXL	CLASSICA series solenoid bolt
174	26800	CLASSICA series solenoid bolt
174	26800SA	CLASSICA series solenoid bolt
174	26800XL	CLASSICA series solenoid bolt
174	26800SAXL	CLASSICA series solenoid bolt
174	26808	CLASSICA series solenoid bolt
174	26808SA	CLASSICA series solenoid bolt
174	26808XL	CLASSICA series solenoid bolt
174	26808SAXL	CLASSICA series solenoid bolt
175	27600	CLASSICA series solenoid bolt
175	27600SA	CLASSICA series solenoid bolt
175	27600XL	CLASSICA series solenoid bolt
175	27600SAXL	CLASSICA series solenoid bolt
175	27608	CLASSICA series solenoid bolt
175	27608SA	CLASSICA series solenoid bolt
175	27608XL	CLASSICA series solenoid bolt
175	27608SAXL	CLASSICA series solenoid bolt
175	27800	CLASSICA series solenoid bolt
175	27800SA	CLASSICA series solenoid bolt
175	27800XL	CLASSICA series solenoid bolt
175	27800SAXL	CLASSICA series solenoid bolt
175	27808	CLASSICA series solenoid bolt
175	27808SA	CLASSICA series solenoid bolt
175	27808XL	CLASSICA series solenoid bolt
175	27808SAXL	CLASSICA series solenoid bolt
176	27900	CLASSICA series solenoid bolt
176	27900SA	CLASSICA series solenoid bolt
176	27908	CLASSICA series solenoid bolt
176	27908SA	CLASSICA series solenoid bolt
182	28001.1	Electric lock for gates and doors - Right hand
182	28001.1DR	Electric lock for gates and doors - Right hand
182	28001.1DRM	Electric lock for gates and doors - Right hand
182	28001.1DRMN	Electric lock for gates and doors - Right hand
182	28001.1DRN	Electric lock for gates and doors - Right hand
182	28001.1DRNSC	Electric lock for gates and doors - Right hand
182	28001.1DRSC	Electric lock for gates and doors - Right hand
182	28001.1M	Electric lock for gates and doors - Right hand
182	28001.1MN	Electric lock for gates and doors - Right hand
182	28001.1MNSC	Electric lock for gates and doors - Right hand
182	28001.1MSC	Electric lock for gates and doors - Right hand
182	28001.1N	Electric lock for gates and doors - Right hand
182	28001.1NSC	Electric lock for gates and doors - Right hand
182	28001.1NXL	Electric lock for gates and doors - Right hand
182	28001.1NXXL	Electric lock for gates and doors - Right hand
182	28001.1SC	Electric lock for gates and doors - Right hand
182	28001.1XL	Electric lock for gates and doors - Right hand
182	28001.1XXL	Electric lock for gates and doors - Right hand
182	28001.2	Electric lock for gates and doors - Left hand
182	28001.2DR	Electric lock for gates and doors - Left hand
182	28001.2DRM	Electric lock for gates and doors - Left hand
182	28001.2DRMN	Electric lock for gates and doors - Left hand



[illegible]

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PAGE	ITEM	DESCRIPTION
182	28003.1DRMN	Electric lock for gates and doors - Right hand
182	28003.1DRN	Electric lock for gates and doors - Right hand
182	28003.1DRNSC	Electric lock for gates and doors - Right hand
182	28003.1DRSC	Electric lock for gates and doors - Right hand
182	28003.1M	Electric lock for gates and doors - Right hand
182	28003.1MN	Electric lock for gates and doors - Right hand
182	28003.1MNSC	Electric lock for gates and doors - Right hand
182	28003.1MSC	Electric lock for gates and doors - Right hand
182	28003.1N	Electric lock for gates and doors - Right hand
182	28003.1NSC	Electric lock for gates and doors - Right hand
182	28003.1NXL	Electric lock for gates and doors - Right hand
182	28003.1NXXL	Electric lock for gates and doors - Right hand
182	28003.1SC	Electric lock for gates and doors - Right hand
182	28003.1XL	Electric lock for gates and doors - Right hand
182	28003.1XXL	Electric lock for gates and doors - Right hand
182	28003.2	Electric lock for gates and doors - Left hand
182	28003.2DR	Electric lock for gates and doors - Left hand
182	28003.2DRM	Electric lock for gates and doors - Left hand
182	28003.2DRMN	Electric lock for gates and doors - Left hand
182	28003.2DRN	Electric lock for gates and doors - Left hand
182	28003.2DRNSC	Electric lock for gates and doors - Left hand
182	28003.2DRSC	Electric lock for gates and doors - Left hand
182	28003.2M	Electric lock for gates and doors - Left hand
182	28003.2MN	Electric lock for gates and doors - Left hand
182	28003.2MNSC	Electric lock for gates and doors - Left hand
182	28003.2MSC	Electric lock for gates and doors - Left hand
182	28003.2N	Electric lock for gates and doors - Left hand
182	28003.2NSC	Electric lock for gates and doors - Left hand
182	28003.2NXL	Electric lock for gates and doors - Left hand
182	28003.2NXXL	Electric lock for gates and doors - Left hand
182	28003.2SC	Electric lock for gates and doors - Left hand
182	28003.2XL	Electric lock for gates and doors - Left hand
182	28003.2XXL	Electric lock for gates and doors - Left hand
184	28700	Rim deadbolt for gates and garage doors - Fail secure - Stainless steel
184	28700N	Rim deadbolt for gates and garage doors - Fail secure - Black painted
184	28700NVR	Rim deadbolt for gates and garage doors - Fail secure - Black painted
184	28700VR	Rim deadbolt for gates and garage doors - Fail secure - Stainless steel
184	28710	Rim deadbolt for gates and garage doors - Fail safe - Stainless steel
184	28710N	Rim deadbolt for gates and garage doors - Fail safe - Black painted
186	28720	LEGION motor deadbolt
186	28720N	LEGION motor deadbolt
188	28800	GATE BOLT rim deadbolt for gates
188	28800MIC	GATE BOLT rim deadbolt for gates
188	28800OR	GATE BOLT rim deadbolt for gates
188	28800ORMIC	GATE BOLT rim deadbolt for gates
188	28800LC	GATE BOLT rim deadbolt for gates
188	28800LCMIC	GATE BOLT rim deadbolt for gates
188	28800LCMICW	GATE BOLT rim deadbolt for gates
188	28800LCOR	GATE BOLT rim deadbolt for gates
188	28800LCORMIC	GATE BOLT rim deadbolt for gates
188	28800LCORW	GATE BOLT rim deadbolt for gates



PAGE	ITEM	DESCRIPTION
188	28800LCW	GATE BOLT rim deadbolt for gates
94	31012	Mortice electric strike Omnia Micro series
95	31012DCF	Mortice electric strike Omnia Micro series
95	31012DCPN	Mortice electric strike Omnia Micro series
95	31012TD	Mortice electric strike Omnia Micro series
94	31012UNI	Mortice electric strike Omnia Micro series
94	31024DC	Mortice electric strike Omnia Micro series
94	31112	Mortice electric strike Omnia Micro series
95	31112TD	Mortice electric strike Omnia Micro series
94	31112UNI	Mortice electric strike Omnia Micro series
94	31124DC	Mortice electric strike Omnia Micro series
94	31212L	Mortice electric strike Omnia Micro series
94	31212L UNI	Mortice electric strike Omnia Micro series
94	31224DC	Mortice electric strike Omnia Micro series
94	31224LDC	Mortice electric strike Omnia Micro series
94	31312L	Mortice electric strike Omnia Micro series
94	31312L UNI	Mortice electric strike Omnia Micro series
94	31324LDC	Mortice electric strike Omnia Micro series
94	31412A	Mortice electric strike Omnia Micro series
95	31412FTA	Mortice electric strike Omnia Micro series
94	31512A	Mortice electric strike Omnia Micro series
95	31812	Mortice electric strike Omnia Micro series
95	31824	Mortice electric strike Omnia Micro series
96	32012	Mortice electric strike Omnia Radial series
97	32012PLA	Mortice electric strike Omnia Radial series
96	32112	Mortice electric strike Omnia Radial series
97	32112PLA	Mortice electric strike Omnia Radial series
96	32212	Mortice electric strike Omnia Radial series
97	32212PLA	Mortice electric strike Omnia Radial series
96	32312	Mortice electric strike Omnia Radial series
97	32312PLA	Mortice electric strike Omnia Radial series
96	32812	Mortice electric strike Omnia Radial series
96	32824	Mortice electric strike Omnia Radial series
98	34602A	Mortice electric strike Omnia 1000 series
98	34604A	Mortice electric strike Omnia 1000 series
98	34622	Mortice electric strike Omnia 1000 series
98	34624	Mortice electric strike Omnia 1000 series
98	34802A	Mortice electric strike Omnia 1000 series
98	34804A	Mortice electric strike Omnia 1000 series
98	34822	Mortice electric strike Omnia 1000 series
98	34824	Mortice electric strike Omnia 1000 series
96	35412	Mortice electric strike Omnia Radial series
96	35512	Mortice electric strike Omnia Radial series
99	36012B	Electric strike for panic exit devices Omnia Exit series
99	36012BCR	Electric strike for panic exit devices Omnia Exit series
99	36012BM	Electric strike for panic exit devices Omnia Exit series
99	36012BMCR	Electric strike for panic exit devices Omnia Exit series
99	36012C	Electric strike for panic exit devices Omnia Exit series
99	36012CCR	Electric strike for panic exit devices Omnia Exit series
99	36412B	Electric strike for panic exit devices Omnia Exit series
99	36412BCR	Electric strike for panic exit devices Omnia Exit series



[illegible]

PAGE	ITEM	DESCRIPTION
101	38824.2A	Mortice electric strike for outside mounting series Blindo 1.000
102	39012A	Electric strike for glazed doors Omnia Glass series
102	39812A	Electric strike for glazed doors Omnia Glass series
84	40610	Smart Trim electric handle - satin chrome finish
84	40610B	Smart Trim electric handle - white color
85	40610BDM	Smart Trim electric handle - white color
84	40610BMEC	Smart Trim electric handle - white color
85	40610DM	Smart Trim electric handle - satin chrome finish
84	40610MEC	Smart Trim electric handle - satin chrome finish - meccanica
84	40610N	Smart Trim electric handle - black color
85	40610NDM	Smart Trim electric handle - black color
84	40610NMEC	Smart Trim electric handle - black color - mechanical version
84	40611	Smart Trim electric handle - satin chrome finish
84	40611B	Smart Trim electric handle - white color
85	40611BDM	Smart Trim electric handle - white color
85	40611DM	Smart Trim electric handle - satin chrome finish
84	40611N	Smart Trim electric handle - black color
85	40611NDM	Smart Trim electric handle - black color
86	40620	Smart Trim electric handle - satin chrome finish
86	40620B	Smart Trim electric handle - white color
86	40620BMEC	Smart Trim electric handle - white color
86	40620MEC	Smart Trim electric handle - satin chrome finish - mechanical version
86	40620N	Smart Trim electric handle - black color
86	40620NMEC	Smart Trim electric handle - black color - mechanical version
86	40621	Smart Trim electric handle - satin chrome finish
86	40621B	Smart Trim electric handle - white color
86	40621N	Smart Trim electric handle - black color
84	40810	Smart Trim electric handle - satin chrome finish
84	40810B	Smart Trim electric handle - white color
85	40810BDM	Smart Trim electric handle - white color
85	40810DM	Smart Trim electric handle - satin chrome finish
84	40810N	Smart Trim electric handle - black color
85	40810NDM	Smart Trim electric handle - black color
84	40811	Smart Trim electric handle - satin chrome finish
84	40811B	Smart Trim electric handle - white color
85	40811BDM	Smart Trim electric handle - white color
85	40811DM	Smart Trim electric handle - satin chrome finish
84	40811N	Smart Trim electric handle - black color
85	40811NDM	Smart Trim electric handle - black color
86	40820	Smart Trim electric handle - satin chrome finish
86	40820B	Smart Trim electric handle - white color
86	40820N	Smart Trim electric handle - black color
86	40821	Smart Trim electric handle - satin chrome finish
86	40821B	Smart Trim electric handle - white color
86	40821N	Smart Trim electric handle - black color
199	44000	Push bar microswitch
57	51300	Time delay circuit
57	51400	Time delay circuit
57	51500	Time delay circuit
77	52002	Single zone fire alarm
199	53500	Sensitive card



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199	53501	Sensitive card with front plate
175	OP54036	Horizontal solenoid bolt
175	OP54038	Horizontal solenoid bolt
176	OP54039.1	Horizontal solenoid bolt
176	OP54039.2	Horizontal solenoid bolt
196	54250	Electronica board fo MAXIMA lock - single door
196	54255	Electronica board fo MAXIMA lock - double door
145	54610A	Micro-processor electronic board
58/146	54611A	Desktop console - 1 door
58/146	54612A	Desktop console - 2 doors
146	54613A	Desktop console - 3 doors
146	54614A	Desktop console - 4 doors
147	54614B	Desktop console - 4 doors
148	54615B	Auxiliary circuit
148	54616B	Master circuit
148	54617B	Battery Back-Up circuit
58	55001	Exit system board
59	55003	Magnetic lock with housed in electronic
61	55005	Alarm system
204	55010	Indicator lamp Red / Green
204	55010BR	Indicator lamp Red / Green
204	55010N	Indicator lamp Red / Green
195	OP55011.50	Electric lock Maxima - backset 50 mm - Replacement for 55011 Corni
204	55011	Indicator lamp Red / Green with push button
204	55011BR	Indicator lamp Red / Green with push button
204	55011N	Indicator lamp Red / Green with push button
204	55012	Indicator lamp Red / Green with push button and porter
204	55012BR	Indicator lamp Red / Green with push button and porter
204	55012N	Indicator lamp Red / Green with push button and porter
205	55013	External porter
205	55013BR	External porter
205	55013N	External porter
210	55017	Push button - disabled person
210	55017N	Push button - disabled person
210	55017V	Push button - disabled person
210	55017VN	Push button - disabled person
210	55020	Push to exit button
210	55020EX	Push to exit button
210	55020NT	Push to exit button
210	55021	Push to exit button
210	55023	Push to exit button
206	55030	Indicator lamp red / green - S.a.a front plate
206	55030BR	Indicator lamp red / green - Bronze front plate
206	55030N	Indicator lamp red / green - Black front plate
206	55031	Indicator lamp red / green with push button - S.a.a front plate
206	55031BR	Indicator lamp red / green with push button - Bronze front plate
206	55031N	Indicator lamp red / green with push button - Black anodized front plate
206	55033	Porter with S.a.a front plate
206	55033BR	Porter with Bronze front plate
206	55033N	Porter with Black front plate
164	OP55036.25	PRIMA series solenoid bolt OP - backset 25 mm



PAGE	ITEM	DESCRIPTION
164	OP55036.30	PRIMA series solenoid bolt OP - backset 30 mm
164	OP55036.35	PRIMA series solenoid bolt OP - backset 35 mm
164	OP55038.25	PRIMA series solenoid bolt OP - backset 25 mm
164	OP55038.30	PRIMA series solenoid bolt OP - backset 30 mm
164	OP55038.35	PRIMA series solenoid bolt OP - backset 35 mm
165	OP55039.1.25	PRIMA series solenoid bolt OP - backset 25 mm - Right hand
165	OP55039.2.25	PRIMA series solenoid bolt OP - backset 25 mm - Left hand
165	OP55039.1.30	PRIMA series solenoid bolt OP - backset 30 mm - Right hand
165	OP55039.2.30	PRIMA series solenoid bolt OP - backset 30 mm - Left hand
165	OP55039.1.35	PRIMA series solenoid bolt OP - backset 35 mm - Right hand
165	OP55039.2.35	PRIMA series solenoid bolt OP - backset 35 mm - Left hand
165	OP5503910.1.25	PRIMA series solenoid bolt OP - backset 25 mm - Right hand
165	OP5503910.2.25	PRIMA series solenoid bolt OP - backset 25 mm - Left hand
165	OP5503910.1.30	PRIMA series solenoid bolt OP - backset 30 mm - Right hand
165	OP5503910.2.30	PRIMA series solenoid bolt OP - backset 30 mm - Left hand
165	OP5503910.1.35	PRIMA series solenoid bolt OP - backset 35 mm - Right hand
165	OP5503910.2.35	PRIMA series solenoid bolt OP - backset 35 mm - Left hand
212	55040	Cylinder bracket with micro-switch
212	55040N	Cylinder bracket with micro-switch
212	55041	Cylinder bracket with micro-switch
213	55042FC	Cylinder bracket with micro-switch
213	55042FL	Cylinder bracket with micro-switch
213	55043FC	Cylinder bracket with micro-switch
213	55043FL	Cylinder bracket with micro-switch
220	55414	Radio receiver
220	55416	Radio receiver
220	55417	Radio receiver
220	55418	Radio receiver
221	55420	Radio command transmitter
221	55420RC	Radio command transmitter
221	55421	Radio command transmitter
221	55421RC	Radio command transmitter
265	55512	Card reader
265	55512MF	Card reader
228	55611NET	Multilink electronic
233	55612	Code keypad
233	55612CR	Code keypad
233	55612PD	Code keypad
233	55612PDC	Code keypad
233	55612PDN	Code keypad
233	55612PDCN	Code keypad
233	55612SS	Code keypad
233	55612SSD	Code keypad
234	55613A	Card reader
234	55613AAL	Card reader
229	55613NET	Card reader
234	55614	Card reader
229	55614NET	Card reader
234	55614SC	Card reader
235	55614PD	Card reader
235	55614PDN	Card reader



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PAGE	ITEM	DESCRIPTION
237	55615	Magneti card
237	55615SLA	Magneti card
237	55615SLB	Magneti card
229	55616NET	Converter USB / RS485
229	55618NET	Converter TTL / RS485
235	55618PD	Dallas reader
235	55618PDN	Dallas reader
230	55622NET	Software for Multilink Net
240	55640SE	Electronic for ATM card reader
242	55641A	Insertable card reader for debit and credit cards
242	55641B	Insertable card reader for debit and credit cards
242	55641C	Insertable card reader for debit and credit cards
243	55641D	Insertable card reader for debit and credit cards
243	55641E	Insertable card reader for debit and credit cards
243	55641F	Insertable card reader for debit and credit cards
243	55641G	Push button
241	55642SE	Card reader for debit and credit cards
232	56611A	Minilink control unit
237/246	56616	Card size transponder
237/265	56616MF	Card size transponder
265	56616MFSLA	Card size transponder
265	56616MFSLB	Card size transponder
237/246	56616SLA	Card size transponder
237/246	56616SLB	Card size transponder
237/246	56616T	Keychain transponder
237/246	56616W	Bracelet size transponder
159	OP57036.25	PRIMA series solenoid bolt OP - Replacement for Corni series 570 - backset 25 mm
159	OP57036.30	PRIMA series solenoid bolt OP - Replacement for Corni series 570 - backset 30 mm
159	OP57036.35	PRIMA series solenoid bolt OP - Replacement for Corni series 570 - backset 35 mm
159	OP57038.25	PRIMA series solenoid bolt OP - Replacement for Corni series 570 - backset 25 mm
159	OP57038.30	PRIMA series solenoid bolt OP - Replacement for Corni series 570 - backset 30 mm
159	OP57038.35	PRIMA series solenoid bolt OP - Replacement for Corni series 570 - backset 35 mm
246	57301	Keypad
248	57312	Keypad
248	57312N	Keypad
248	57313	Keypad
248	57313N	Keypad
256	57501	Keypad
256	57501RF-868	Keypad
257	57512RF-868	Keypad
257	57512SRF-868	Keypad
257	57513NRF-868	Keypad
257	57513RF-868	Keypad
258	57515RF-868	Radio repeater
258	57516RF-868	Radio relay module
258	57517	Antenna
258	57518	Modem GSM
222	57520RF	Radio module transmitter - 4 channels - Lo.Ra.
222	57521RF	Radio module receiver - 4 channels - Lo.Ra.
260	57522	Software for GSM
262	57530A	Energy saving control unit



PAGE	ITEM	DESCRIPTION
262	57530ARF	Energy saving control unit
262	57532ARF	Radio magnetic sensor 868 MHz
262	57532ABRF	Radio magnetic sensor 868 MHz
263	57533A	Presence detector wire connection
263	57533ARF	Presence detector wire connection
263	57534A	Presence detector wire connection
263	57534ARF	Radio presence detector 868 MHz
238	57700	Digital Door Viewer - 3,2"
238	57700GD	Digital Door Viewer, gold finish - 3,2"
238	57701	Digital Door Viewer, silver finish - 4.0"
238	57701GD	Digital Door Viewer, gold finish - 4.0"
249	58000	Touch Key Reader
249	58000N	Touch Key Reader
249	58013	Supplementary reader
249	58013N	Supplementary reader
237/249	58015	Touch Key Dallas color black
237/249	58015G	Touch Key Dallas color yellow
237/249	58015R	Touch Key Dallas color red
237/249	58015V	Touch Key Dallas color green
236	58018ML	Dallas reader for external use
236	58018MLN	Dallas reader for external use
250	58200SA	Biometric reader
270	59001	People Counter
270	59001RF	People Counter
270	59002	People Counter
270	59002RF	People Counter
273	59013	Mini Counter People
74	60000	Oil brake for sliding doors
74	60000VLC	Oil brake for sliding doors - version with vulkillan wheel for steel cable
74	60001	Oil brake for sliding doors - 3 pulley version
75	65000	Hydraulic dampers for fire resistant sliding doors
75	65001	Hydraulic dampers for fire resistant sliding doors
160	CC090	Connector for solenoid bolts
160	CC091	Connector for solenoid bolts
146/215	REL12V	Relay 12V
146/215	REL24V	Relay 24V

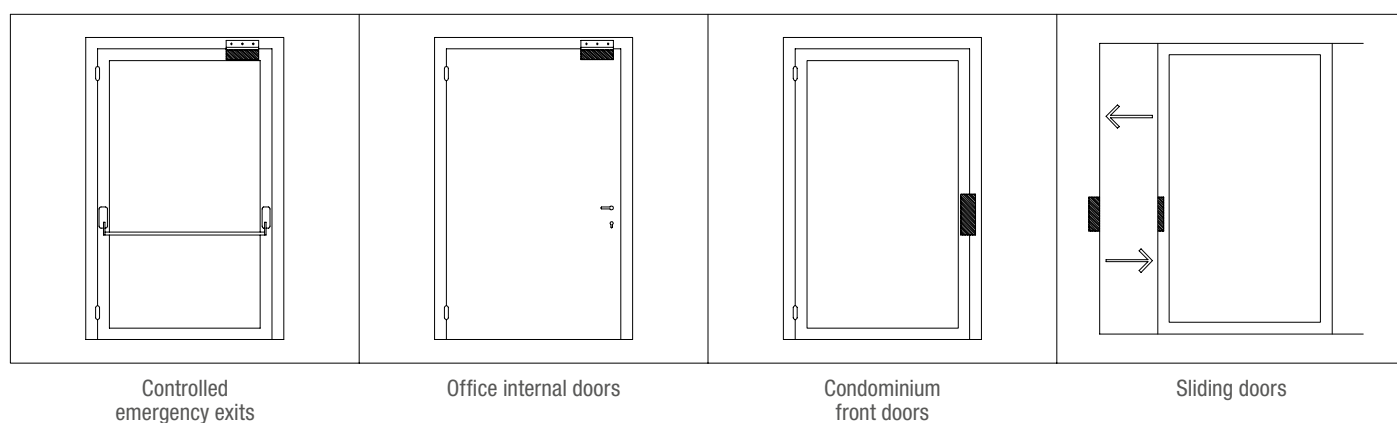
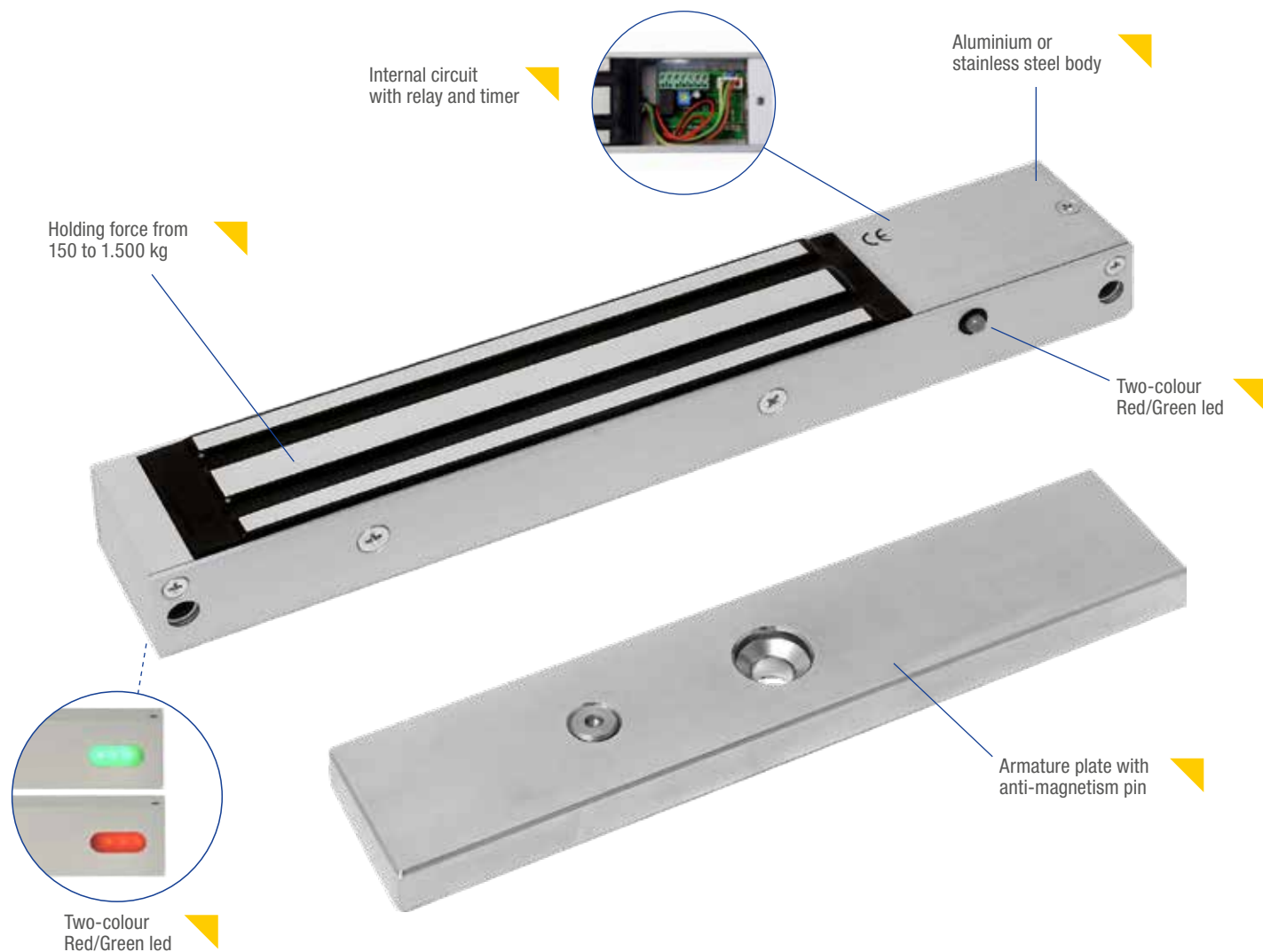




SAFETY

- ▶ SECURITY ELECTROMAGNETS
- ▶ IDEAL FOR EMERGENCY EXITS AND CONDOMINIUM ENTRY DOORS
- ▶ SILENT AND RESISTANT
- ▶ HOLDING FORCE FROM 150 TO 1500 KG
- ▶ CAN BE APPLIED ON PRE-EXISTING DOORS





PLUS

- ▶ Solenoid lock with electromagnetic holding
- ▶ Fail safe
- ▶ Easy to fix or introduce on pre-existing doors
- ▶ No maintenance or regulations needed in the course of time
- ▶ No mechanical wear out

AVAILABLE COLOURS



CONDOMINIUM FRONT DOOR EXAMPLE

INTERNAL OPENING



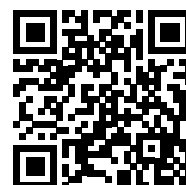
EXTERNAL OPENING



CONDOMINIUM FRONT DOOR EXAMPLE

- ▶ Always closed door guarantee
- ▶ Silent operation
- ▶ No maintenance on the electromagnet or regulation of the door closer
- ▶ Fail safe
- ▶ External opening by key switch, remote control or access control

WEB PAGE





12500

MICRO ELECTROMAGNETIC LOCKVersion: **for mortice fixing**

body in stainless steel protected against humidity

Dimensions of the body (mm): 170 x 32 x 24

Total dimensions with side wings (mm): 200 x 32 x 24

Armature plate with residual anti-magnetism pin: (mm) 152 x 32 x 8

Operating voltage: 12 Vdc

Current: 350 mA

Holding force: up to 150 Kg.

Use: locking system for sliding doors, safe deposit boxes and cabinets**Packaging:** electromagnet, armature plate and accessories for assembly

12700

MICRO ELECTROMAGNETIC LOCKVersion: **for surface fixing**

body in stainless steel protected against humidity

Dimensions (mm): 170 x 32 x 24

Armature plate with residual anti-magnetism pin: (mm) 152 x 32 x 8

Operating voltage: 12 Vdc

Current: 350 mA

Holding force: up to 150 Kg.

Use: anti-panic locking system for swing doors**Packaging:** electromagnet, flat fixing plate, armature plate and accessories for assembly12800
12800N**MICRO ELECTROMAGNETIC LOCK**Version: **for surface fixing**

Dimensions (mm): 200 x 36 x 24

Armature plate with residual anti-magnetism pin: (mm) 152 x 32 x 8

Operating voltage: 12/24 Vdc

Current: 350 mA in 12V / 250 mA in 24V

Holding force: up to 150 Kg.

Use: anti-panic locking system for swing doorsBody in silver anodized aluminiumBody in black anodized aluminium**Packaging:** electromagnet, flat fixing plate, armature plate and accessories for assembly12800M
12800MN**MICRO ELECTROMAGNETIC LOCK**Version: **for surface fixing**

Body in silver anodized aluminium

Dimensions (mm): 200 x 36 x 24

Armature plate with residual anti-magnetism pin:
(mm) 152 x 32 x 8

Operating voltage: 12/24 Vdc

Current: 350 mA

Internal state sensor with C./N.O./N.C. contact

Holding force: up to 150 Kg.

Use: anti-panic closing system for swing doorsBody in silver anodized aluminiumBody in black anodized aluminium**Packaging:** electromagnet, flat fixing plate, Armature plate and accessories for assembly

Art.

Description



13000
13000N

ELECTROMAGNETIC LOCK MAXI SERIES

Version: **for surface fixing**

Dimensions (mm): 265 x 66 x 41

Counterplate with residual anti-magnetism pin: (mm) 185 x 60 x 16

Operating voltage: 12/24 Vdc

Current: 500 mA @ 12 V / 250 mA @ 24 V

Holding force: up to 600 Kg.

Use: Security closing system for swing doors

Body in silver anodized aluminium

Body in black anodized aluminium

Packaging: electromagnet, flat fixing plate, counterplate and accessories for assembly



13100
13100N

ELECTROMAGNETIC LOCK MAXI SERIES WITH SENSOR

Version: **for surface fixing**

Dimensions (mm): 265 x 66 x 41

Counterplate with residual anti-magnetism pin:
(mm) 185 x 60 x 16

Operating voltage: 12/24 Vdc

Current: 500 mA @ 12 V / 250 mA @ 24 V

State sensor with Hall effect / two coloured LED Red - Green / Relay C. - N.O. - N.C.

Holding force: up to 600 Kg.

Use: Security closing system for swing doors

Body in silver anodized aluminium

Body in black anodized aluminium

Packaging: electromagnet, flat fixing plate, counterplate and accessories for assembly



13100TD
13100TDN

ELECTROMAGNET MAXI WITH ADJUSTABLE TRIMMER FOR RECLOSING TIME

Version: **for surface fixing**

Dimensions (mm): 265 x 66 x 41

Counterplate with residual anti-magnetism pin:
(mm) 185 x 60 x 16

Operating voltage: 12/24 Vdc

Current: 500 mA @ 12 V / 250 mA @ 24 V

State sensor with Hall effect / two coloured LED Red - Green / Relay C. - N.O. - N.C.

Holding force: up to 600 Kg.

Internal trimmer for reclosing time adjustable from 1 to 90 seconds

Use: Security closing system for swing doors

Body in silver anodized aluminium

Body in black anodized aluminium

Packaging: electromagnet, flat fixing plate, counterplate and accessories for assembly



Art.

Description

13400
13400M

MIDI ELECTROMAGNETIC LOCKVersion: **for surface fixing**

Body in stainless steel with rounded sides, protected against humidity

Dimensions (mm): 230 x 45 x 30

Armature plate with anti-magnetism pin (mm): 185 x 45 x 14

Operating voltage: 12 Vdc

Current: 350 mA @ 12 V

Holding force: up to 350 Kg.

Use: Security locking system for swing doorsWithout sensorWith state sensor**Packaging:** electromagnet, flat fixing plate, Armature plate and accessories for assembly

13500

**ELECTROMAGNETIC LOCK MINI SERIES**Version: **for mortice fixing**

Fixing bracket in silver anodized aluminium

Dimensions (mm): 227 x 38 x 27

Armature plate with residual anti-magnetism pin: (mm) 185 x 37 x 12

Operating voltage: 12/24 Vdc

Current: 500 mA @ 12 V / 250 mA @ 24 V

Holding force: up to 300 Kg.

Use: Security locking system for sliding doors**Packaging:** electromagnet, Armature plate and accessories for assembly

13500M

**ELECTROMAGNETIC LOCK MINI SERIES WITH SENSOR**Version: **for mortice fixing**

Fixing bracket in silver anodized aluminium

Dimensions (mm): 227 x 38 x 27

Armature plate with residual anti-magnetism pin: (mm) 185 x 37 x 12

Operating voltage: 12/24 Vdc

Current: 500 mA @ 12 V / 250 mA @ 24 V

State sensor with Hall effect / two coloured LED Red - Green / Relay C. - N.O. - N.C.

Holding force: up to 300 Kg.

Use: Security locking system for sliding doors**Packaging:** electromagnet, Armature plate and accessories for assembly

13600
13600N

ELECTROMAGNETIC LOCK MINI SERIESVersion: **for surface fixing**

Dimensions (mm): 250 x 41 x 24

Armature plate with residual anti-magnetism pin: (mm) 185 x 37 x 12

Operating voltage: 12/24 Vdc

Current: 500 mA @ 12 V / 250 mA @ 24 V

Holding force: up to 300 Kg.

Use: Security locking system for swing doorsBody in silver anodized aluminiumBody in black anodized aluminium**Packaging:** electromagnet, flat fixing plate, Armature plate and accessories for assembly

Art.

Description



13700
13700N

ELECTROMAGNETIC LOCK MINI SERIES

Version: **for surface fixing**

Dimensions (mm): 250 x 41 x 24

Armature plate with residual anti-magnetism pin: (mm) 185 x 37 x 12

Operating voltage: 12/24 Vdc

Current: 500 mA @ 12 V / 250 mA @ 24 V

State sensor with Hall effect / two coloured LED Red - Green / Relay C. - N.O. - N.C.

Holding force: up to 300 Kg.

Use: Security locking system for swing doors

Body in silver anodized aluminium

Body in black anodized aluminium

Packaging: electromagnet, flat fixing plate, Armature plate and accessories for assembly



13700TD
13700TDN

ELECTROMAGNET MINI WITH ADJUSTABLE TRIMMER FOR RECLOSING TIME

Version: **for surface fixing**

Dimensions (mm): 250 x 41 x 24

Armature plate with residual anti-magnetism pin: (mm) 185 x 37 x 12

Operating voltage: 12/24 Vdc

Current: 500 mA @ 12 V / 250 mA @ 24 V

State sensor with Hall effect / two coloured LED Red - Green / Relay C. - N.O. - N.C.

Holding force: up to 300 Kg.

Relock time delay adjustable from 1 to 90 seconds

Use: Security locking system for swing doors

Body in silver anodized aluminium

Body in black anodized aluminium

Packaging: electromagnet, flat fixing plate, Armature plate and accessories for assembly



13700TDL

ELECTROMAGNET MINI WITH ADJUSTABLE TRIMMER FOR RECLOSING TIME AND MAXI LED

Version: **for surface fixing**

Dimensions (mm): 265 x 49 x 29

Armature plate with residual anti-magnetism pin: (mm) 185 x 45 x 14

Operating voltage: 12/24 Vdc

Current: 500 mA @ 12 V / 250 mA @ 24 V

State sensor with Hall Effect - Relay C. - N.O. - N.C.

Two coloured Red/Green LED for door status indication located in the back of the magnet body

Holding force: up to 360 Kg.



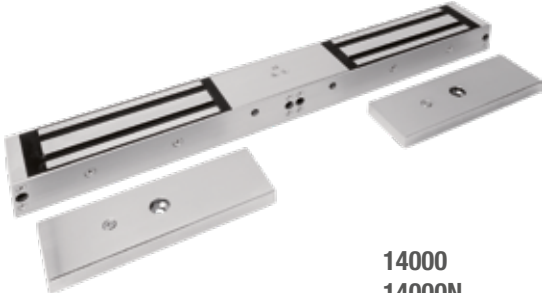
Relock time delay adjustable from 1 to 80 seconds

Use: Security locking system for swing doors

Corpo in alluminio anodizzato argento

Packaging: electromagnet, flat fixing plate, Armature plate and accessories for assembly



Art.	Description
13800	<p>ELECTROMAGNET SHEAR LOCK Version: for mortice fixing Bracket in black painted aluminium Dimensions of the bracket (mm): 267 x 35 x 35 Dimensions of body for mortice fixing (mm): 220 x 35 x 35 Armature plate with residual anti-magnetism pin Operating voltage: 12/24 Vdc Absorbed current: 1.8 A peak / 500 mA @ 12 V 1 A peak / 350 mA @ 24 V State sensor with Hall effect / Relay C. - N.O. - N.C. Door position magnetic sensor Internal management electronics with relocking adjustable from 0 - 15 sec. Holding force against forced entry up to 1,500 Kg.</p> <p>Use: high security anti-panic locking system for swing doors.</p> <p>For correct operation <u>the electromagnet must be mounted horizontally on the frame header with the Armature plate mounted on the frame of the door</u></p> <p>Packaging: electromagnet, Armature plate and accessories for assembly</p>
	
13900 13900M	<p>ELECTROMAGNET MICRO SHEAR LOCK Version: for mortice fixing Electromagnet support bracket and Armature plate in silver anodized aluminium Electromagnet support bracket: 180 x 30 x 27 mm. Armature plate support bracket dimensions: 180 x 30 x 42 mm. Armature plate with residual anti-magnetism pin: Operating voltage: 12/24 Vdc Current: 420 mA @ 12 V / 220 mA @ 24 V 450 mA @ 12 V / 250 mA @ 24 V for version M State sensor with Hall effect / Relay C. - N.O. - N.C. (only for Art. 13900M) Holding force: up to 680 Kg.</p> <p>Use: anti-panic locking system with dragging feature for swing doors with stops. For correct operation <u>the electromagnet must be mounted horizontally in the frame header with the armature plate mounted on top of the door</u></p> <p><u>Without door state sensor</u> <u>With door state sensor a</u></p> <p>Packaging: electromagnet, Armature plate and accessories for assembly</p>
	
14000 14000N	<p>ELECTROMAGNETIC LOCK MAXI DOUBLE SERIES WITH SENSOR Version: for surface application on double leaf doors Dimensions (mm): 534 x 66 x 41 Armature plates with residual anti-magnetism pins: (mm) 185 x 60 x 16 Operating voltage: 12/24 Vdc Current: 500 mA ea. @ 12 V / 250 mA ea. @ 24 V State sensor with Hall effect / two coloured LED Red - Green / Relay C. - N.O. - N.C. Holding force: up to 600 Kg. x 2</p> <p>Use: santi-panic locking system for double leaf doors</p> <p><u>Body in silver anodized aluminium</u> <u>Body in black anodized aluminium</u></p> <p>Packaging: electromagnet, flat fixing plate, 2 Armature plates and accessories for assembly</p>
	



14212R
14224R

Art.

Description

ELECTROMAGNETIC GATE LOCK SERIES WITH SENSOR

Version: **for surface fixing**

body in stainless steel protected against humidity

Dimensions (mm): 204 x 64 x 41

Armature plate with residual anti-magnetism pin: (mm) 185 x 60 x 16

Magnetic reed state sensor C / N.O. / N.C.

Holding force: up to 600 Kg.

Use: Security locking system for hinged and sliding gates

Operating voltage: 12 Vdc - Current: 450 mA

Operating voltage: 24 Vdc - Current: 230 mA

On demand: Conduit connector fitting - see page 39

Packaging: electromagnet, Armature plate and accessories for assembly



14710TD
14710TDN

ELECTROMAGNET WITH PULL HANDLE

Version: **for surface fixing**

CorpoElectromagnet body and handle in aluminium

Magnet body dimensions (mm): 324 x 48 x 29

Dimensions of the handle (mm) 333 x 124 x 62

Armature plate with residual anti-magnetism pin inserted in the handle body

Operating voltage: 12/24 Vdc

Current: 500 mA @ 12 V / 250 mA @ 24 V

Internal state sensor with C./N.O./N.C. relay output

Holding force: up to 300 Kg.

Relocking time adjustable from 1 to 90 seconds.

Use: anti-panic locking system for swing doors
(i.e. condominium front entrance doors)

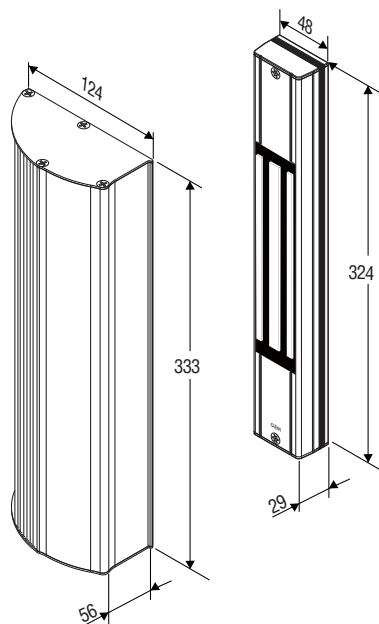
Release push button housed in the handle body

Body in silver anodized aluminium

Body in black anodized aluminium

On demand: spacer for handle body and electromagnetic lock see 00147 or 00147N at page 53

Packaging: electromagnet, Armature plate and accessories for assembly



Door locked



Door unlocked



Door opened

Art.

Description

**ELECTROMAGNETIC LOCK MINI SERIES
WITH LONG HANDLE**Version: **for surface fixing**

Electromagnet body and handle in aluminium

Magnet body dimensions (mm): 2484 x 48 x 29
(can be cut down to 1884mm)

Dimensions of the handle (mm) 2503 x 124 x 56

Armature plate with residual anti-magnetism pin inserted in the handle body

Operating voltage: 12/24 Vdc

Current: 500 mA @12 V / 250 mA @24 V

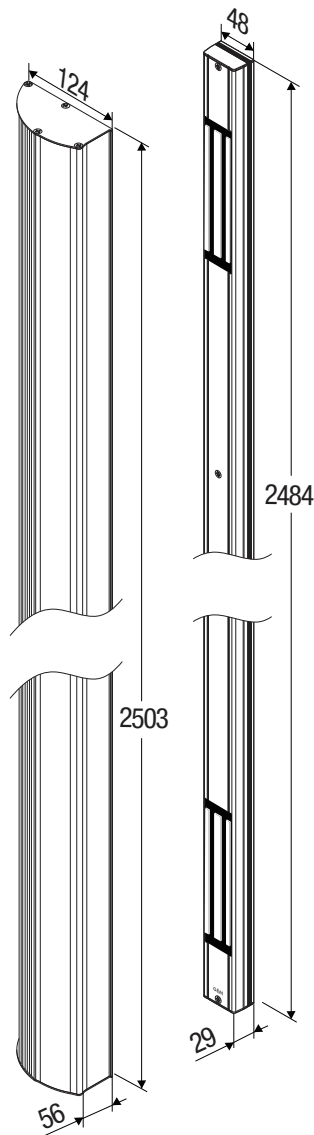
Internal state sensor with C./N.O./N.C. relay output

Holding force: up to 300 Kg x 2

Relocking time adjustable from 1-90 seconds

Release push button on the handle

Possibility to install the magnet in the handle housing (moving leaf) and the striking plate on the frame

Use: anti-panic locking system for swing doors
(i.e. condominium front entrance doors)**14800TD**Corpo in alluminio anodizzato argento**Packaging:** electromagnet, Armature plate and accessories for assembly

ELECTROMAGNETIC KITS FOR FIRE DOORS SAFETY SERIES

Art.

Description

13700KIT TF

**ELECTROMAGNETIC LOCK MINI SERIES
WITH POWER SUPPLY**

Features: locking of fire doors via safety electromagnet.
Opening managed from inside the room by means of micro-switch command installed on the anti-panic bar which activates upon pressing the opening bar and by means of a key switch or access control system from outside. Release of the electromagnet can also be managed from a remote position with a special push button.

Kit is made up of:

1 Electromagnet Art. 13700TD

1 "L" Bracket Art. 03700

1 Base stainless steel armature plate Art. 03003

1 Power supply Art. 05320



13700KIT TFB

**ELECTROMAGNETIC LOCK MINI SERIES
WITH POWER SUPPLY AND BACKUP BATTERY**

Features: the functional characteristics are the same as the previous item except the power supply. It is provided in a wall-mounted, grey ABS container with space for the backup battery.

Kit is made up of:

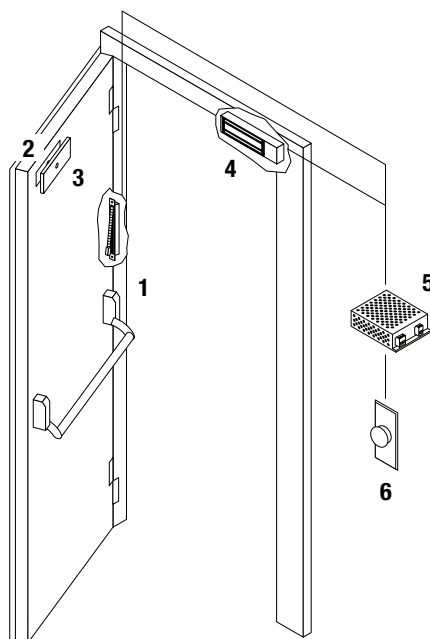
1 Electromagnet Art. 13700TD

1 "L" Bracket Art. 03700

1 Base stainless steel armature plate Art. 03003

1 Power supply Art. 05312

1 Rechargeable battery Art. 00712

**LEGENDA**

- 1 Panic bar with micro switches and lead covers (upon request)
- 2 Striking plate base
- 3 Striking plate
- 4 Electromagnet
- 5 Power supply
- 6 Release button or key switch (optional)

Art.	Description	
	<p>03000 03000N</p> <p>“L” MOUNTING BRACKET <u>In SILVER anodized aluminium</u> <u>In BLACK anodized aluminium</u> Dimensions (mm): 268 x 38 x 76</p> <p>Use: for mounting of electromagnets, series 130, 131 and 140 on “push” doors from inside with emergency type exits (See drawing at page 53)</p>	
	<p>03001 03001N</p> <p>“Z” MOUNTING BRACKET <u>In SILVER anodized aluminium</u> <u>In BLACK anodized aluminium</u> Dimensions (mm): 266 x 38 x 76 mm. (L bracket) 220 x 142 x 71-98 mm. (Z bracket)</p> <p>Use: for mounting of electromagnets, series 130, 131 and 140 on “pull” doors from inside. Kit is made up of 3 pieces. (See drawing at page 53)</p>	
	<p>03002</p> <p>UNIVERSAL, ADJUSTABLE “L” MOUNTING BRACKET In galvanized white steel Dimensions (mm): 268 x 38 - 76 mm.</p> <p>Use: for mounting of electromagnets, series 130, 131 and 140 on “push” doors from inside with emergency type exits (See drawing at page 53)</p>	
	<p>03003</p> <p>“UNIVERSAL” ARMATURE PLATE FOR FIRE DOORS Armature plate base for fixing the holding Armature plate on fire doors without drilling supplementary holes Dimensions (mm): 175 x 32 x 3</p> <p>Use: for all electromagnets 130, 131, 136, 137, 140 (See drawing at page 53)</p>	
	<p>03004</p> <p>“UNIVERSAL” ARMATURE PLATE BASE FOR SAFETY AND FIRE DOORS Armature plate base in stainless steel for fixing the holding Armature plate on fire doors without using through bolt screws on the outside of the door Dimensions (mm): 200 x 65 x 16</p> <p>Use: for all electromagnets 130, 131, 136, 137, 140 (See drawing at page 53)</p>	
	<p>03005</p> <p>SHORT CASING COVER In black varnished steel for covering only the “L” bracket Art. 03000, 03002 Dimensions (mm): 271 x 41 x 79 - see drawing at page 54</p> <p>Use: for all electromagnets 130, 131</p>	
	<p>03006</p> <p>LONG CASING COVER In black varnished steel for covering the “L” bracket Art. 03000, 03002 and the electromagnets Dimensions (mm): 271 x 113 x 79</p> <p>Use: for all electromagnets 130, 131 (See drawing at page 54)</p>	
	<p>03007</p> <p>“GLASS” ARMATURE PLATE MOUNTING BRACKET For 12 mm. thick doors. Dimensions (mm): 190 x 56 x 22</p> <p>Use: for fixing of the Armature plate for electromagnets series 136 and 137 on glass doors (See drawing at page 54)</p>	

ACCESSORIES FOR ELECTROMAGNETS SAFETY SERIES

Art.	Description	
	<p>03500 03500N</p> <p>“L” MOUNTING BRACKET <u>In SILVER anodized aluminium</u> <u>In BLACK anodized aluminium</u> Dimensions (mm): 170 x 28 x 36 Use: for mounting of electromagnets, series 127 on “push” doors from inside with emergency type exits (See drawing at page 54)</p>	
	<p>03501 03501N</p> <p>“Z” MOUNTING BRACKET <u>In SILVER anodized aluminium</u> <u>In BLACK anodized aluminium</u> Dimensions (mm): 180 x 88 x 39-48 - see drawing at page 53 Use: for mounting of electromagnets, series 127 on “pull” doors from inside. Kit is made up of 2 pieces Note: article made up of 2 pieces only for fixing of the Armature plate. For fixing of the electromagnet, the “L” bracket must be added - Ref. 03500</p>	
	<p>03600 03600N</p> <p>“L” MOUNTING BRACKET <u>In SILVER anodized aluminium</u> <u>In BLACK anodized aluminium</u> Dimensions (mm): 200 x 41 x 27 Use: for mounting of electromagnets, series 128 on “push” doors from inside with emergency type exits (See drawing at page 53)</p>	
	<p>03601 03601N</p> <p>“Z” MOUNTING BRACKET <u>In SILVER anodized aluminium</u> <u>In BLACK anodized aluminium</u> Dimensions (mm): 180 x 88 x 39 Use: for mounting of electromagnets, series 128 on “pull” doors from inside. Kit is made up of 3 pieces (See drawing at page 53) Note: article made up of 2 pieces only for fixing of the armature plate and 1 L bracket for the fixing of the magnet</p>	
	<p>03700 03700N</p> <p>“L” MOUNTING BRACKET <u>In SILVER anodized aluminium</u> <u>In BLACK anodized aluminium</u> Dimensions (mm): 250 x 30 x 48 Use: for mounting of electromagnets, series 136,137 on “push” doors from inside with emergency type exits (See drawing at page 53)</p>	
	<p>03701 03701N</p> <p>“Z” MOUNTING BRACKET <u>In SILVER anodized aluminium</u> <u>In BLACK anodized aluminium</u> Dimensions (mm): 250 x 30 x 48 mm. (L bracket) 220 x 113 x 55 - 77 mm. (Z bracket) Use: for mounting of electromagnets, series 136,137 on “pull” doors from inside. Kit is made up of 3 pieces. (See drawing at page 53)</p>	
	<p>03705</p> <p>SHORT CASING COVER In black varnished steel for covering only the “L” bracket Art. 03700 Dimensions (mm): 254 x 32 x 51 Use: for all electromagnets 136 and 137 (See drawing at page 54)</p>	



Art.

03706

Description

LONG CASING COVER

In black varnished steel for covering the "L" bracket Art. 03700 and the electromagnets

Dimensions (mm): 254 x 81 x 51

Use: for all electromagnets 136 and 137 (See drawing at page 54)



03707

03707N

"L" BRACKET WITH CASING COVER

In SILVER anodized aluminium

In BLACK anodized aluminium

Dimensions (mm): 247 x 48 x 30

Use: for mounting of electromagnets, series 136, 137 on "push" doors from inside with emergency type exits complete with casing cover (See drawing at page 54)



03707L

03707LN

"L" BRACKET WITH CASING COVER

In SILVER anodized aluminium

In BLACK anodized aluminium

Dimensions (mm): 262 x 48 x 30

Use: for mounting of electromagnets, series 13700TDL on "push" doors from inside with emergency type exits complete with casing cover (See drawing at page 54)



03708

03708N

"Z" BRACKET WITH CASING COVER

In SILVER anodized aluminium

In BLACK anodized aluminium

Dimensions (mm): 250 x 97 x 48 - 70 mm - see drawing page 38

Use: for mounting of Armature plate for electromagnets, series 136, 137 on "pull" doors from inside complete with casing cover (See drawing at page 54)

Note: article made up of 2 pieces only for fixing of the Armature plate.

For fixing of the electromagnet, the "L" bracket must be added - Ref. 03700



03708L

03708LN

"Z" BRACKET WITH CASING COVER

In SILVER anodized aluminium

In BLACK anodized aluminium

Dimensions (mm): 262 x 104 x 48 - 70 mm.

Use: for mounting of Armature plate for electromagnets, series 13700TDL on "pull" doors from inside complete with casing cover

Note: article made up of 3 pieces only (See drawing at page 54)



03709

03709N

SHEAR LOCK CASING FOR ELECTROMAGNET

In SILVER anodized aluminium

In BLACK anodized aluminium

Dimensions (mm): 352 x 50 x 45

Use: for surface mounting of the electromagnets

Shear-Lock on solid or pre-existing doors (See drawing at page 54)

Packaging: 1 Carter for fixing of the electromagnet or the Armature plate and mounting accessories



03710

03710N

MICRO SHEAR LOCK CASING FOR ELECTROMAGNET

In SILVER anodized aluminium

In BLACK anodized aluminium

Dimensions (mm): 183 x 49 x 36

Use: for surface mounting of the electromagnets

Micro Shear-Lock for rim type application (See drawing at page 54)

Packaging: 1 Carter for fixing of the electromagnet or the Armature plate and mounting accessories

Art.	Description
ARMATURE PLATES FOR ELECTROMAGNETS (SPARES)	
01127	For electromagnets series 125, 127, 128
01130	For electromagnets series 130, 131, 132, 140
01134	For electromagnets series 134
01137	For electromagnets series 135, 136, 137
01137L	For electromagnets series 13700TDL



00142

CONDUIT CONNECTOR FITTING - IP65

Conduit connector fitting - this connector is used to terminate flexible metal conduit to knockout in dry location
For electromagnets series 14212R and 14222R
Supplied with metal sheath black coloured 1Mt long

**UNDERPLATE FOR ELECTROMAGNET REF. 14700TD**

2 mm thick stainless steel underplate for the compensation of the alignment between the electromagnet and counterplate mounted on doors that are not coplanar

Dimensions (mm): 323 x 48 x 2

Stainless steel finish

Black steel finish

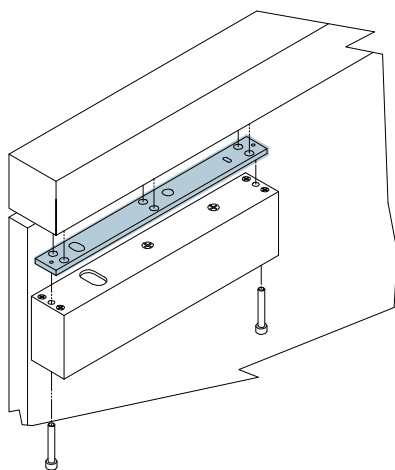
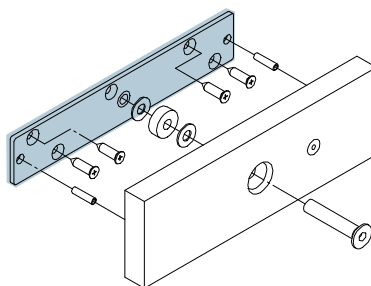
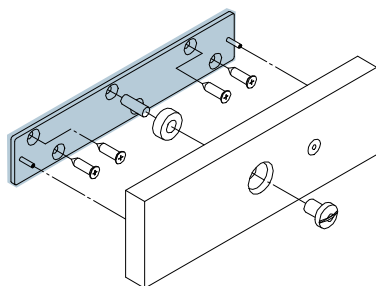


00147

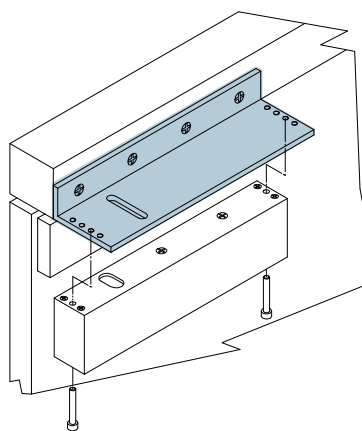
00147N

Base Art. 03003

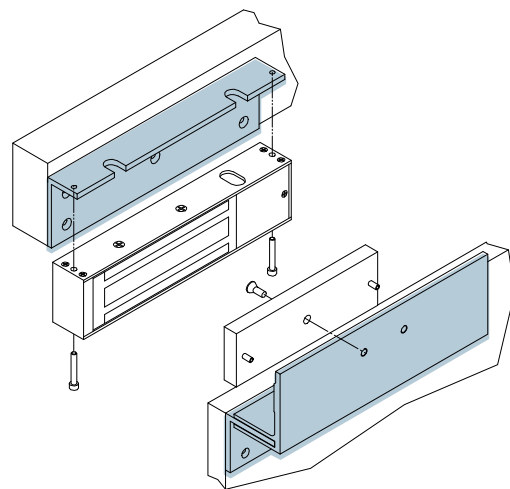
Base Art. 03004



Bracket provided

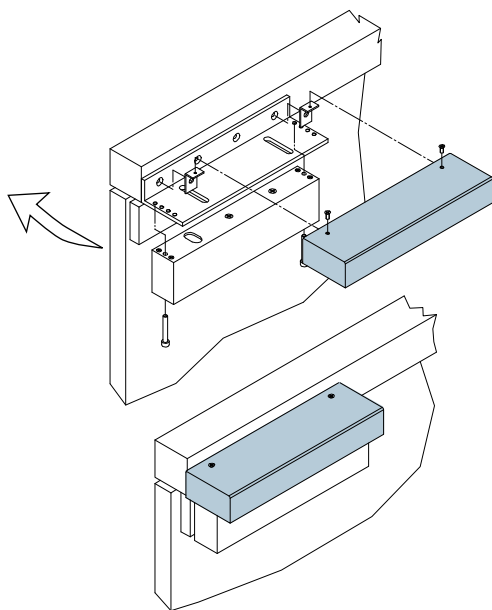


"L" shape bracket
item code 03002

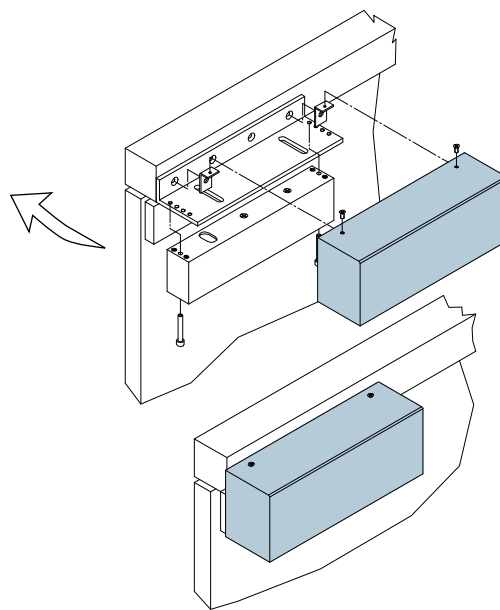


"Z" shape bracket

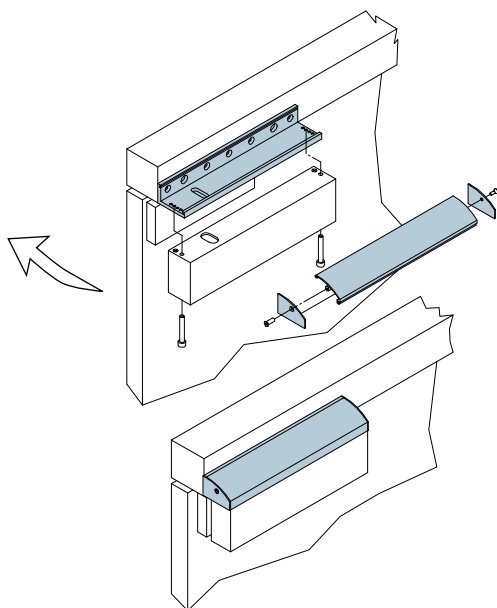
Short cover



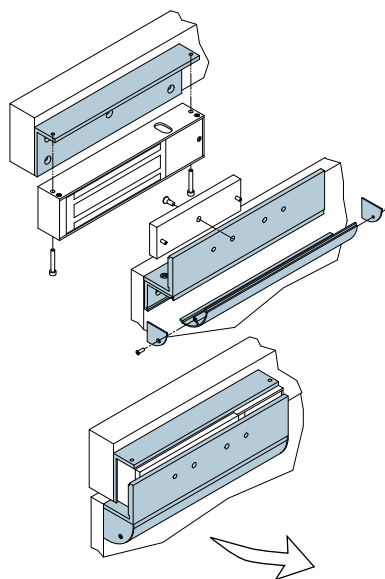
Long cover



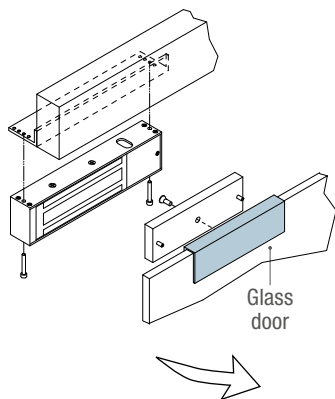
"L" shape bracket with cover



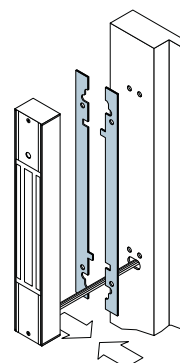
"Z" shape bracket with cover



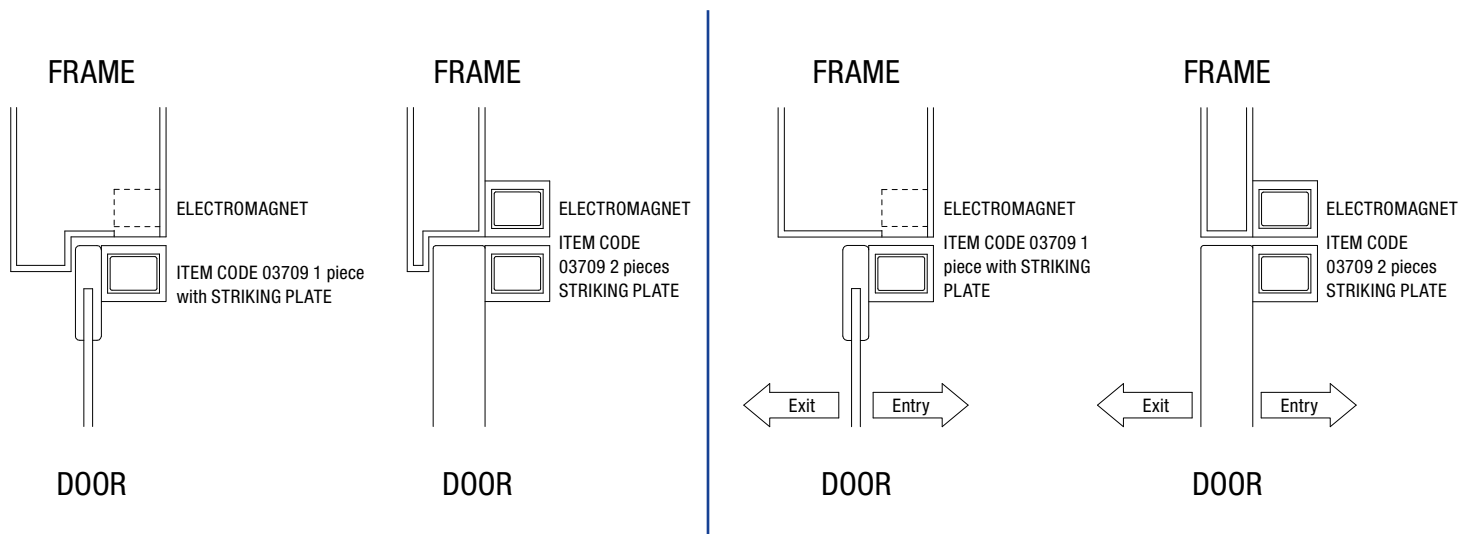
"U" shape bracket



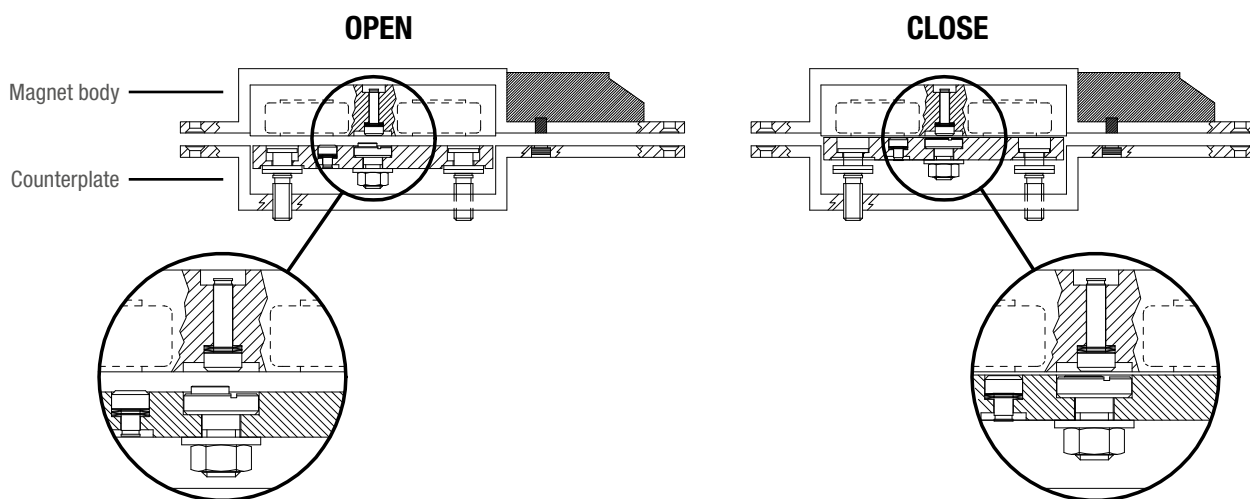
Spacer for magnet14710



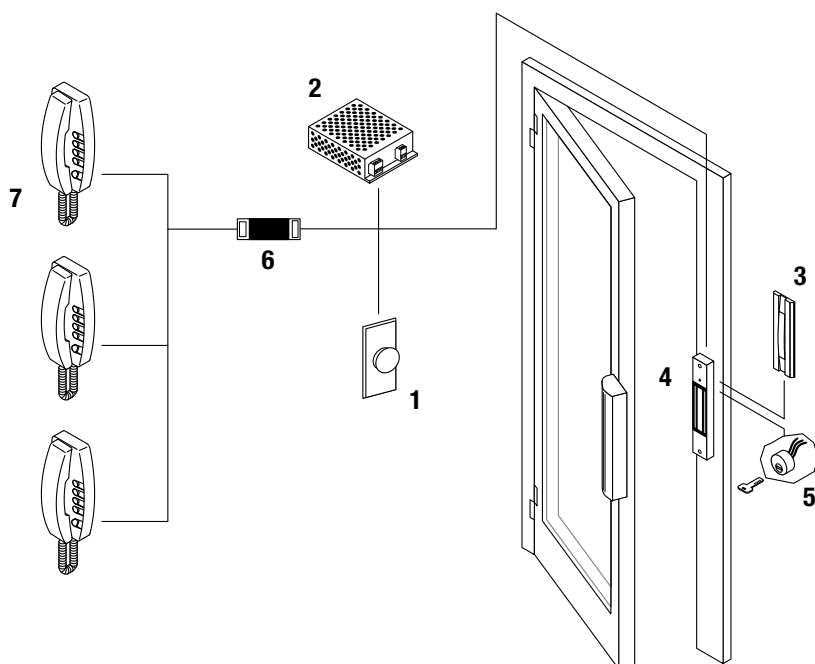
COVER CARTER SHEAR-LOCK



HOW SHEAR-LOCK WORKS



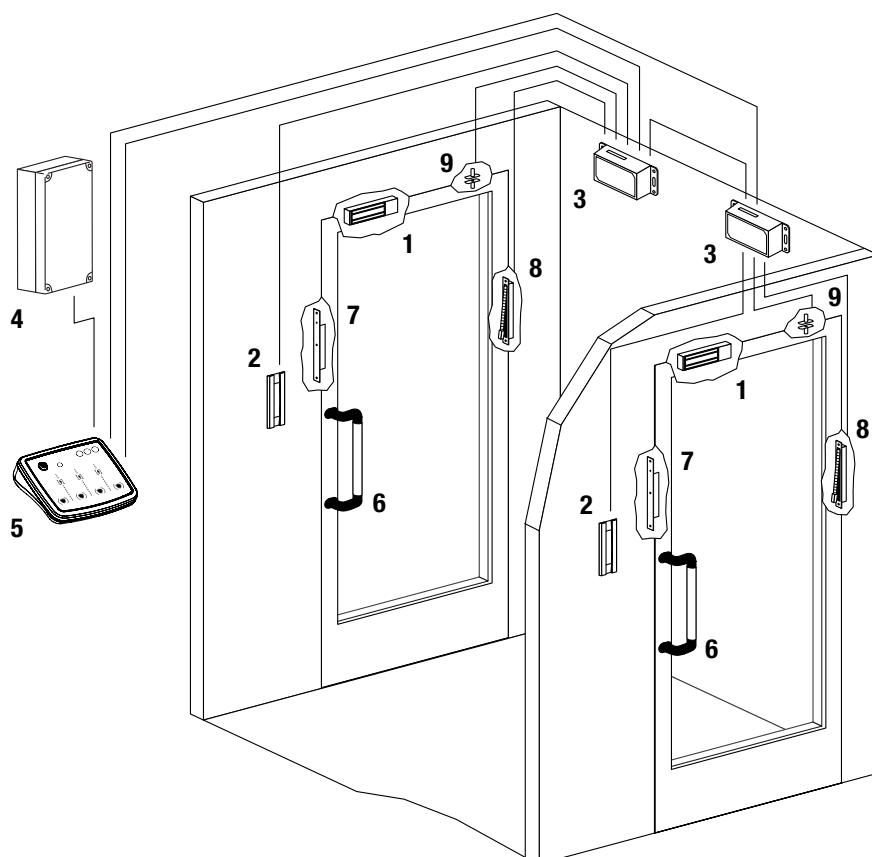
ENTRANCE DOOR SYSTEM WITH SAFETY RANGE ELECTROMAGNET 147



LEGENDA




- 1 Push button
- 2 Power supply
- 3 Indicator lamp
- 4 Electromagnet
- 5 Key selector
- 6 Relay module
- 7 Interphone system

INTERLOCKING DOORS SYSTEM WITH SAFETY RANGE ELECTROMAGNETS

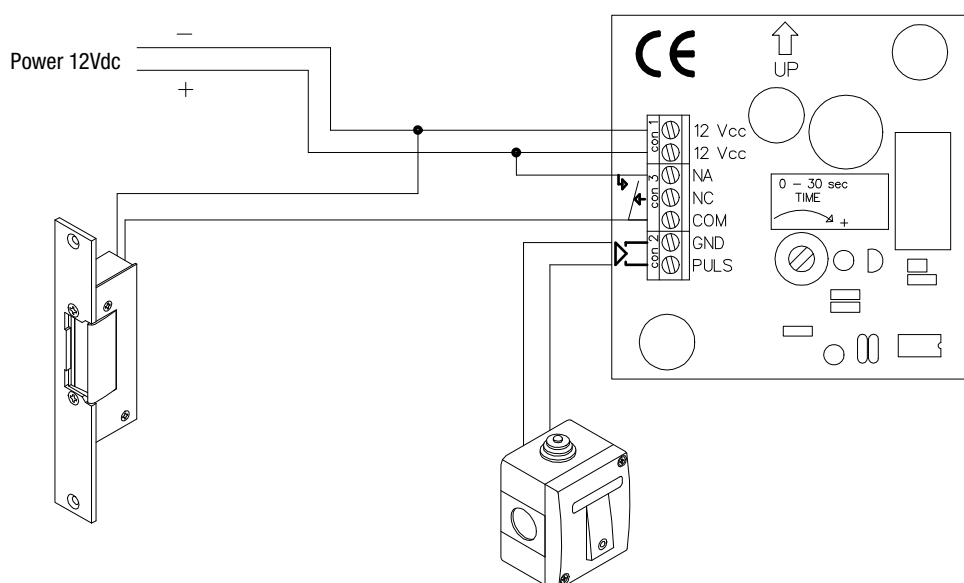


LEGENDA

- 1 Electromagnets
- 2 Indicator lamps
- 3 Electronic Unit
- 4 Power supply
- 5 Command console
- 6 Sensitive bars
- 7 Sensitive cards
- 8 Lead Covers
- 9 Magnetic sensors

Art.	Description
51300 	RELOCKING DELAY MODULE Electronic board for management of relocking delay for all safety electromagnets Dimensions (mm): 60 x 28 x 17 Operating voltage: 12 / 24 Vdc Relock time adjustable from 1 - 40 seconds Use: board which can also be inserted inside electromagnets Art. 13000, 13100, 14000 Can be connected externally to the other electromagnet articles not already timed
51400 	OPENING DELAY MODULE Electronic board for management of the opening delay for the emergency exits equipped with safety electromagnets Dimensions (mm): 57 x 42 x 17 Operating voltage: 12 / 24 Vdc Relock time adjustable from 0 - 15 seconds N.O. input for begin delay contact N.O. input for timer reset 12 Vdc output for alarm buzzer Use: board which can also be inserted inside electromagnets Art. 13000, 13100, 14000 Can be connected externally to the other electromagnet articles
51500 	RELOCKING DELAY RELAY MODULE Electronic board for timed management of electric lock activation Dimensions (mm): 61 x 61 x 12 Operating voltage: 12 Vdc / 10 mA at rest - 60 mA with relay active Relock time adjustable from 0 - 30 seconds N.O. input for relay activation contact Relay output with C./N.O./N.C. dry contact Use: board which can also be inserted inside activation button Art. 05115 (see page 64)

APPLICATIONS EXAMPLES ART. 51500



Art.	Description
55001	<p>MANAGEMENT ELECTRONICS “EXIT SYSTEM”</p> <p>Electronic board for management and control of opening emergency exits equipped with electromagnets in the Safety series.</p> <p>Wall mount container in grey, inspectable ABS, complete with 230 / 12 Vac transformer</p> <p>Dimensions (mm): 300 x 225 x 130</p> <p>Board power: 12 Vac/dc</p> <p>Built-in backup battery charger circuit</p> <p>Adjustable timer for:</p> <ul style="list-style-type: none"> Opening request only alarmed or delayed from 5 to 60 seconds - Delayed alarm opening from the outside from 10 to 120 Seconds (can be enabled) - Manual opening management with relocking from 0 to 5 seconds upon approach of the door and from 0 to 60 seconds if the door is not opened - Alarm for prolonged opening of the door from 10 to 120 seconds (can be enabled) <p>Inputs with N.O. contact for:</p> <ul style="list-style-type: none"> - Immediate opening - Opening from key switch with delayed alarm - Delayed opening or request for opening with alarm - Emergency - Block - Reset <p>Outputs with N.O. relay contact for:</p> <ul style="list-style-type: none"> - Electromagnetic blocked/unblocked status (double switching) - Opening request alarm or delayed opening - Prolonged door opening alarm - Emergency opening alarm - Delayed alarm for opening from the outside - System Fault Alarm - Starting of system <p>Door position open/closed (Open Collector)</p> <p>On request: backup battery Art. 00712 (page 219)</p>



CONTROL CONSOLE “CONTROL SYSTEM”

Aluminium console box in black with silk screened polycarbonate panel

Membrane button with touch effect

Dimensions (mm): 195 x 160 x 50

Operating voltage: 12/24 Vac/Vdc

Connections via screw terminal block

ON/OFF key switch for turning off system via external relay (i.e. Art. REL12V)

N.O. input for signalling electromagnet status (blocked / unblocked)

N.O. input for signalling door status

N.O. / + 12 Vdc Input for alarm activation

N.O. Output for door opening command

N.O. Output for reset command

N.O. Output for block command

N.O. Output for emergency command

Optical signalling via LED:

- Red / Green magnet status (blocked / unblocked)
- Red / Green for indication of door Open / Closed
- Red for Alarm, Reset, Emergency, Block, Power

Internal buzzer for acoustic signalling of the pressing of buttons, for signalling of active alarms and low battery

Note: complete characteristics of the console page 146

For 1 door

For 2 doors

Use: universal console for Art. 51400 or 55001



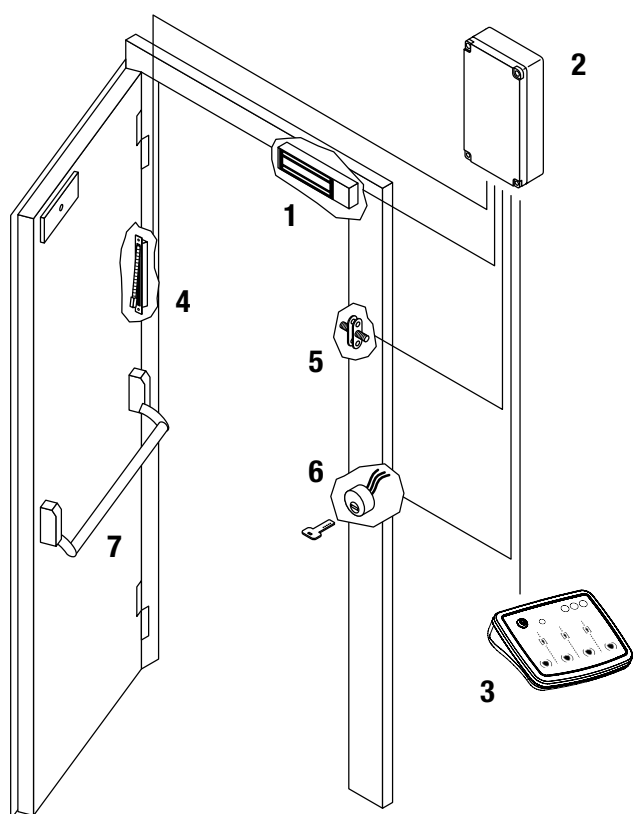
54611A

54612A

CONTROL SYSTEM FOR EMERGENCY EXIT SYSTEM ALARM SYSTEM

Art.	Description	
<p>55003</p> 	<p>ELECTROMAGNET WITH “EXIT SYSTEM” INTEGRATED MANAGEMENT ELECTRONICS</p> <p>Version: to apply</p> <p>Casing made of brushed stainless steel</p> <p>Casing dimensions: 280 x 158 x 115 mm</p> <p>Nickel-plated steel fixing bracket</p> <p>Electronic board for the management and opening control of the emergency exits equipped with Safety series electromagnets.</p> <p>Maxi series internal electromagnet made of silver anodized aluminum</p> <p>Restraint counterplate to be fixed on the door with anti-residual magnetism pin: 185 x 60 x 16 mm</p> <p>Traction force: up to 600 kg.</p> <p>Power supply: 12V ac/dc</p> <p>Hall effect electromagnet status sensor</p> <p>Optical signaling of the status (standby/alarm) through red - green jumbo LED</p> <p>Acoustic signal of the alarm status by buzzer</p> <p>Internal relay on the status of the blocked/unblocked electromagnet with C.</p> <p>- N.A. - N.C. contacts</p> <p>Rechargeable plug battery 12 Vdc / 2.2 A</p> <p>Electronic board for the management and opening control of the emergency exit</p> <p>Adjustable timing for:</p> <ul style="list-style-type: none"> - Opening request delayed from 5 to 60 sec with alarm - Opening alarm from outside delayed from 10 to 120 sec - Manual opening management with reclosing from 0 to 5 sec. with approach of door and from 0 to 60 sec. if the door is not opened - Door opening prolonged alarm from 10 to 120 sec. <p>Inputs with N.O. contact for:</p> <ul style="list-style-type: none"> - Immediate opening - Immediate opening by mechanical key switch from outside, with delayed alarm - Delayed opening or request of opening with alarm - Emergency - System block - Alarm reset <p>Outputs with N.O contact for:</p> <ul style="list-style-type: none"> - Electromagnet status (double switching) - Alarm, Opening request time delay - Alarm, Prolonged door opening - Alarm, Emergency - Alarm, Opening from outside - Alarm, System fault - Starting of system - Door position contact (Open Collector) 	

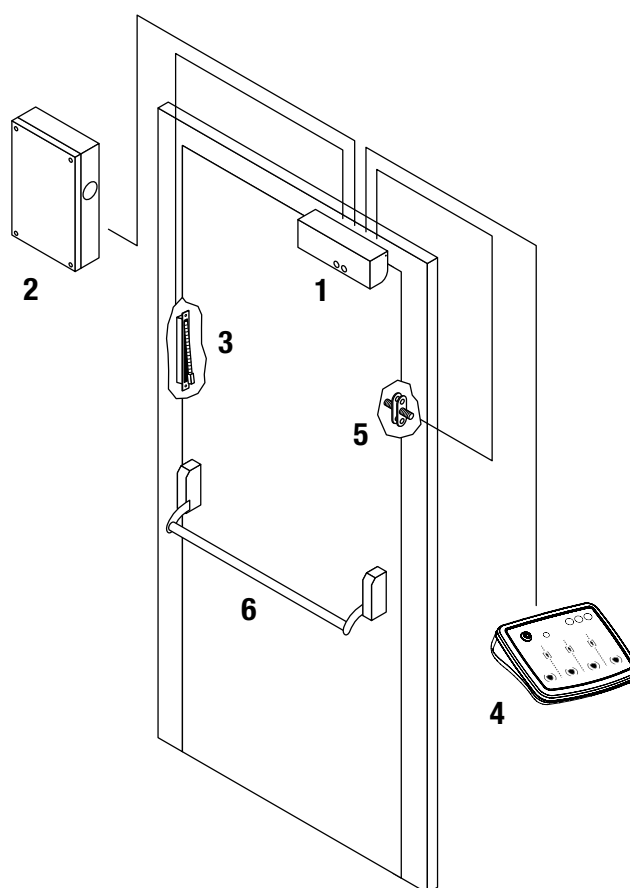
SINGLE DOOR SYSTEM WITH SAFETY RANGE ELECTROMAGNETS



LEGENDA

- 1 Electromagnet
- 2 Exit System Electronics
- 3 Console
- 4 Concealed lead cover
- 5 Magnetic sensor
- 6 Key switch
- 7 Panic bar with micro switch

EMERGENCY EXIT WITH SAFETY ELECTROMAGNET



LEGENDA

- 1 Electromagnet with Exit System electronics
- 2 Power supply
- 3 Concealed lead cover
- 4 Console
- 5 Magnetic sensor
- 6 Panic bar with micro switch

SELF MANAGED ALARM SISTEM FOR CONTROLLED EMERGENCY EXITS ALARM SYSTEM SERIES

Art.
Description
55005

SELF-MANAGED ALARM "ALARM SYSTEM"

Alarm system for opening control of emergency exits equipped with only a mechanical lock or panic bar.

Wall mount container in beige ABS

Dimensions (mm): 240 x 150 x 48

Board power: 12 Vac/dc

Built-in backup battery charger circuit

Alarm signalling via lamp and intermittent buzzer

Use: alarm system for emergency exits

Adjustable timer for:

- Alarm interval before self-reset (adjustable from 5 to 60 seconds)
- Turning off of the reset alarm with fixed time of 5 seconds
- Alarm for prolonged opening of the leaf from 5 to 120 seconds

Inputs with N.O. contact for:

- Immediate authorised opening (without alarm)
- Door sensor
- Reset

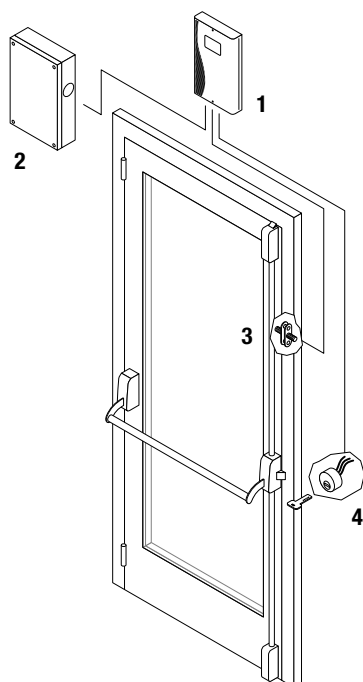
Outputs with N.O. relay contact for:

- Unauthorised opening alarm
- Prolonged door opening alarm
- Starting of system

Description of operation:

the central unit allows surveillance of passages through emergency exits. Personnel authorised to pass, activating a dry contact with a badge, keypad, key switch, etc... can open the door without activating the alarm. If the door is reclosed within the set time, no alarm is activated. If the door must remain open beyond the door "Prolonged Opening" time, the specific alarm is activated which deactivates automatically upon relocking of the door or by pressing the reset button.

On the contrary, if the door is opened without authorisation, the "Opening" alarm is activated immediately and remains active for the pre-established interval, after which an auto-reset is automatically performed which deactivates the alarm for 5 seconds. At this point, if the door has been reclosed, the system goes back into stand-by. Otherwise, if the door remains open, the alarm status will reactivate. The reset can also be performed by remote button.



LEGENDA

- 1 Single zone fire alarm panel
- 2 Power transformer or power supply
- 3 Magnetic sensor
- 4 Key switch



FIRE CONTROL

- ▶ FIRE HOLD OPEN MAGNETS
- ▶ HYDRAULIC DAMPERS FOR SLIDING DOORS
- ▶ HYDRAULIC IMPACT SHOCK ABSORBERS
- ▶ SINGLE ZONE FIRE CONTROLLER
- ▶ FIRE AND SMOKE DETECTORS



FIRE CONTROL

www.opera-italy.com



AVAILABLE COLOURS



Black
Abs

Grey
Abs

Silver
aluminium

Gold
aluminium

Black
aluminium

PLUS

- ▶ Strong steel fixing base
- ▶ Steel striking plate
- ▶ Abs box, anodized aluminium or steel
- ▶ CE-EN1155 certification at the upper level
- ▶ 12 - 24 - 48V operating voltage



Certificato EN1155



FIRE DOOR EXAMPLE

- Version for wall or floor fixing
- Fixed or swinging striking plates
- Abs, anodized aluminium or steel box
- CE-EN1155 certification at the upper level
- 12 - 24 - 48V operating voltage



Art.

Description

01620
01620I**HOLD OPEN ELECTROMAGNET**

Electromagnetic body with rear M8 fixing hole
 Electromagnet dimensions: diameter (mm) 50 x 30
 Operating voltage: 24 Vdc - Absorbed current: 70 mA
 Holding force: > 55 Kg. with electromagnet coupled with its Armature plate
 - (upon request reduced force to 20 Kg. See variant at page 72) -
Electromagnet only
Electromagnet complete with Armature plate 55mm diameter
Use: door holding electromagnet for swing or sliding counterweighted doors

01630
01630I**HOLD OPEN ELECTROMAGNET**

Electromagnet body with fixing plate
 Fixing plate dimensions (mm): 65 x 65 x 3
 Electromagnet dimensions: diameter (mm) 50 x 39
 Operating voltage: 24 Vdc - Absorbed current: 70 mA
 Holding force: > 55 Kg. with electromagnet coupled with its Armature plate - (upon request reduced force to 20 Kg. See variant at page 72)
 Spring for anti-residual magnetism on the electromagnet body
Electromagnet only
Electromagnet body with fix Armature plate item 01800Z
Use: door holding electromagnet for swing or sliding counterweighted doors

01820
01820I**HOLD OPEN ELECTROMAGNET**

Electromagnet body with rear M8 fixing hole
 Electromagnet dimensions: diameter (mm) 70 x 38
 Operating voltage: 24 Vdc - Absorbed current: 70 mA
 Holding force: > 140 Kg.
 (with electromagnet coupled with its Armature plate)
Electromagnet only
Electromagnet complete of armature plate 70 mm diameter
Use: door holding electromagnet for swing or sliding counterweighted doors

01830
01830I**HOLD OPEN ELECTROMAGNET**


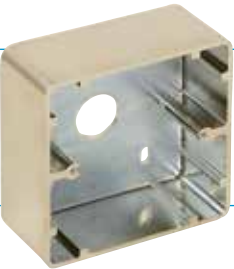



Electromagnet body with fixing plate
 Fixing plate dimensions (mm): 65 x 65 x 3
 Electromagnet dimensions: diameter (mm) 70 x 38
 Operating voltage: 24 Vdc -
 Absorbed current: 70 mA
 Holding force: > 140 Kg.
 Spring for anti-residual magnetism on the electromagnet body
Electromagnet only
Electromagnet complete of armature plate 70mm diameter
Use: door holding electromagnet for swing or sliding counterweighted

17003A

**HOLD OPEN ELECTROMAGNET**

Version: **wall mount**
 Cylindrical body on painted aluminium base Magnet with resin coated coil
 Base and Armature plate dimensions (mm): 90 x 90 x 6
 Magnet dimensions: diameter (mm) 80 x 47 h.
 Armature plate dimensions: diameter (mm) 80 x 22 h.
 Operating voltage: 24 Vdc - Absorbed current: 250 mA
 Holding force: 180 Kg.
 Residual anti-magnetism pin on the Armature plate
 Provided with Armature plate fixed on galvanized steel base
Use: door holding electromagnet for swing or sliding counterweighted doors

HOLD OPEN ELECTROMAGNETS FOR FIRE DOORS FIRE CONTROL SERIES

Art.	Description	
	<p>18003 HOLD OPEN ELECTROMAGNET Version: flush wall mount Front plate in stainless steel Front dimensions (mm): 85 x 85 x 2 Electromagnet dimensions: diameter (mm) 50 x depth 35 Operating voltage: 24 Vdc - Absorbed current: 70 mA Holding force: > 55 Kg. (on request reduced force to 20 Kg. - LF version, see page 72) Residual anti-magnetism pin on the electromagnet body Screw connection connector with anti-disturb varistor Provided without Armature plate (to be ordered separately - see page 70) With push button release Compliance: UNI EN 1155 Use: door holding electromagnet for swing fire doors</p>	
	<p>01780 BOX FOR FLUSH MOUNT ELECTROMAGNET Body: in silver coloured aluminium Dimensions (mm): 85.5 x 85.5 x 38.5 mm. Use: box for flush or application mount for electromagnet item 18003</p>	
	<p>HOLD OPEN ELECTROMAGNET Version: floor mount Body in black or white painted steel - see dimensions at page 68 Operating voltage: 24 Vdc - Absorbed current: 70 mA Holding force: > 55 Kg. (on request reduced force to 20 Kg. - LF version, see page 72) Residual anti-magnetism pin on the electromagnet body Screw connection connector with anti-disturb varistor Provided without Armature plate (to be ordered separately - see page 70) With push button release <u>Body in black painted finish</u> <u>Body in white painted finish</u> 18005 18005B Compliance: UNI EN 1155 Use: door holding electromagnet for swing fire doors</p>	
 	<p>HOLD OPEN ELECTROMAGNET Version: Wall mount Corpo in ABS con base in acciaio zincato Body in ABS with galvanized steel base Nickel plated magnet block See dimension at the bottom of the page Operating voltage: 24 Vdc - Absorbed current: 70 mA Fixed Holding force: > 55 Kg. (on request reduced force to 20 Kg. - LF version, see page 72) Residual anti-magnetism pin on the electromagnet body Connector with anti-disturb varistor Provided without Armature plate (to be ordered separately - see page 70) Without push button release <u>Body in black colour ABS</u> <u>Body in grey colour RAL 7035 ABS</u> With push button release <u>Body in black colour ABS</u> <u>Body in grey colour RAL 7035 ABS</u> Holding force adjustable from 10-50 Kg.- (i.e. 19001R) Dual voltage - automatic voltage selection 24/48Vdc and manual selection of the desired holding force 20/55Kg Compliance: UNI EN 1155 Use: door holding electromagnet for swing fire doors</p>	



Art.

Description

HOLD OPEN ELECTROMAGNETVersion: **Wall mount**

Body in anodized aluminium with base in galvanized steel

Nickel plated magnet block

See dimensions at the bottom of the page

Operating voltage: 24 Vdc - Absorbed current: 70 mA

Fixed Holding force: > 55 Kg. (on request reduced force to 20 Kg. - LF version, see page 72)

Residual anti-magnetism pin on the electromagnet body

Connector with anti-disturb varistor

Provided without Armature plate (to be ordered separately - see page 70)

With push button release**19002**

Body in silver colour anodized aluminium

19002N

Body in black colour anodized aluminium

19002GD

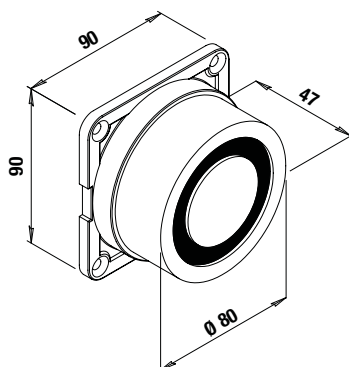
Body in gold colour anodized aluminium

Art + R

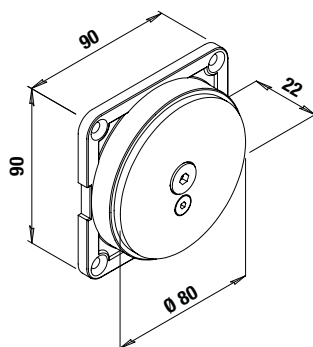
Holding force adjustable from 10-50 Kg. - (i.e. 19002R)

Art + DV

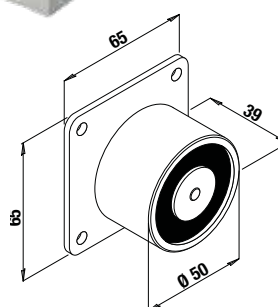
Dual voltage - automatic voltage selection 24/48Vdc and manual selection of the desired holding force 20/55Kg

Note: on request without push button release**Compliance:** UNI EN 1155**Use:** door holding electromagnet for swing fire doors**DUAL VOLTAGE VERSION - DV**Selectable force from
20 to 55KgPower from 24 to 48Vdc -
automatic selection

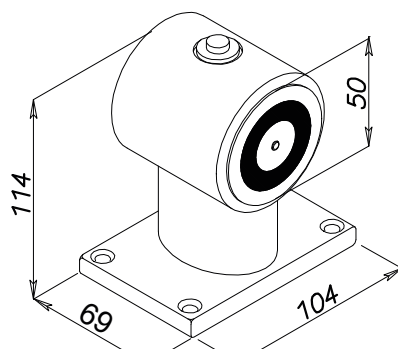
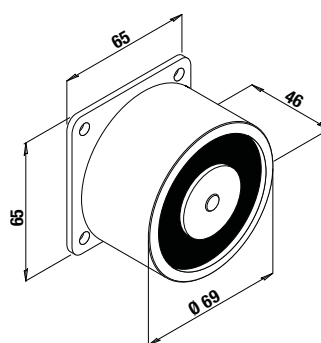
Art. 17003A



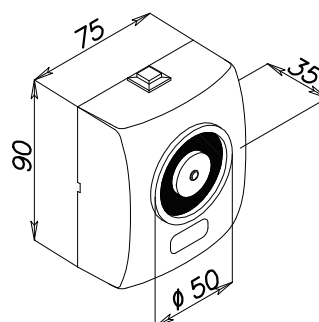
Series 01620-01630



Series 01820-01830



Series 18005

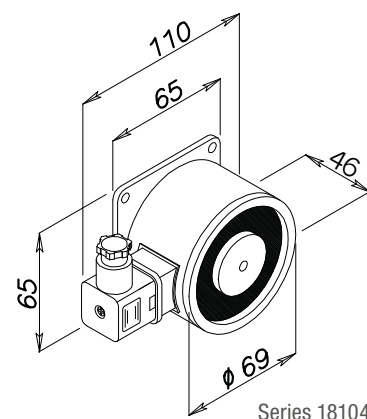
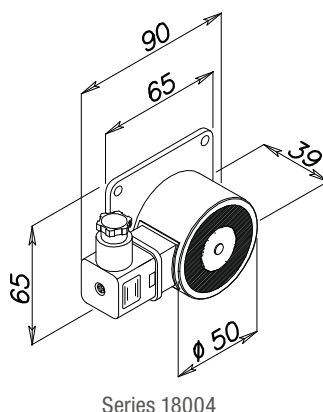
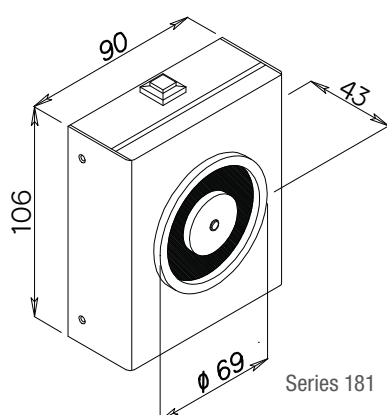


Series 190



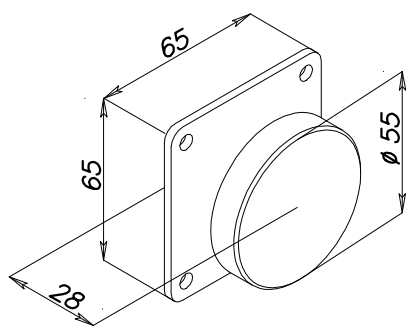
HOLD OPEN ELECTROMAGNETS FOR FIRE DOORS FIRE CONTROL SERIES

Art.	Description
18100	HOLD OPEN ELECTROMAGNET Version: Wall mount Box in black painted steel See dimensions at the bottom of the page Operating voltage: 24 Vdc / Absorbed current: 70 mA Holding force: > 140 Kg. Residual anti-magnetism pin on the electromagnet body Connector with anti-disturb varistor Provided without Armature plate (to be ordered separately - see page 70) Without push button release Compliance: UNI EN 1155 Use: door holding electromagnet for swing fire doors
18101	HOLD OPEN ELECTROMAGNET Version: Wall mount Box in black painted steel See dimensions at the bottom of the page Operating voltage: 24 Vdc / Absorbed current: 70 mA Holding force: > 140 Kg. Residual anti-magnetism pin on the electromagnet body Connector with anti-disturb varistor Provided without Armature plate (to be ordered separately - see page 70) With push button release Compliance: UNI EN 1155 Use: door holding electromagnet for swing fire doors
18004 18104 18104RES	HOLD OPEN ELECTROMAGNET Steel base Fixing plate dimensions (mm) 65 x 65 x 3) See dimensions at the bottom of the page Diameter mm 70 x 41 (ref. 18104) Operating voltage: 24 Vdc - Absorbed current: 70 mA Holding force: > 140 Kg. Residual anti-magnetism pin on the electromagnet body Connector with anti-disturb varistor <u>Holding force: 55Kg</u> <u>Holding force: 140Kg</u> <u>Holding force: 140Kg</u> Provided without Armature plate (to be ordered separately - see page 70) Compliance: UNI EN 1155 Use: door holding electromagnet for swing or sliding counterweighted fire doors

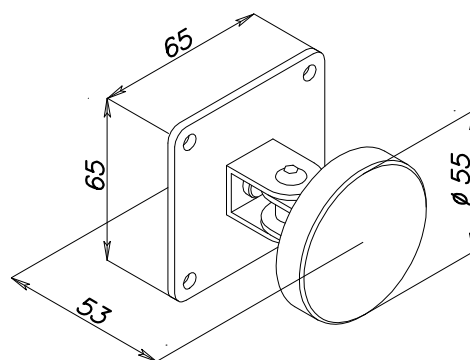


	Art.	Description	
	01800Z	FIXED ARMATURE PLATE Fixed Armature plate for electromagnets series 190 Base in galvanized steel See dimensions at page 71 Armature plate diameter (mm): 55	
	01805Z	SWINGING ARMATURE Swinging Armature plate for electromagnets series 190 Base in galvanized steel See dimensions at page 71 Armature plate diameter (mm): 55	
	01810Z	FIXED ARMATURE PLATE Fixed Armature plate for electromagnets series 181 Base in galvanized steel See dimensions at page 71 Armature plate diameter (mm): 70	
	01815Z	SWINGING ARMATURE Swinging Armature plate for electromagnets series 181 Base in galvanized steel See dimensions at page 71 Armature plate diameter (mm): 70	
	01740F 01740BF	NON ADJUSTABLE MOUNTING SUPPORT FOR ELECTROMAGNET Bracket not extendable Body in painted steel Bracket (square mm) 35 x 35 for horizontal fixing to wall or vertical to floor of the fire door electromagnets Plate for fixing of the electromagnets adjustable to 180° See dimensions at page 71 <u>Black painted steel</u> <u>White painted steel (Ral 9010)</u> Use: for electromagnets series 181, 190	
	01740 01740B 01740M	TELESCOPIC "WALL" OR "FLOOR" MOUNTING SUPPORT FOR ELECTROMAGNET Extendable bracket (square mm) 40 x 40 for horizontal fixing to wall or vertical to floor of the fire door electromagnets Body in black painted steel Plate for fixing of the electromagnets adjustable to 180° Overall dimension <u>Black colour - length (mm) 140 (adjustable up to 220 mm.)</u> <u>White colour - length (mm) 140 (adjustable up to 220 mm.)</u> <u>Black colour - length (mm) 218 (adjustable up to 360 mm.)</u> Use: for electromagnets series 181, 190	
	05115	RELEASE/RESET PUSH BUTTON Box in grey colour plastic material for wall mount Dimensions (mm): 81 x 67 x 55 N.O. / N.C. push button contact Use: push button for remote release of the retainer electromagnets or for silencing reset of the fire control panel Art. 52002	

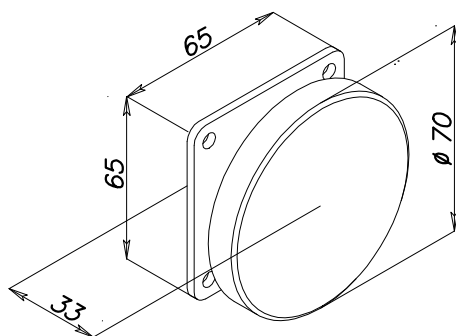
SWINGING PLATES AND BRACKETS DRAWINGS



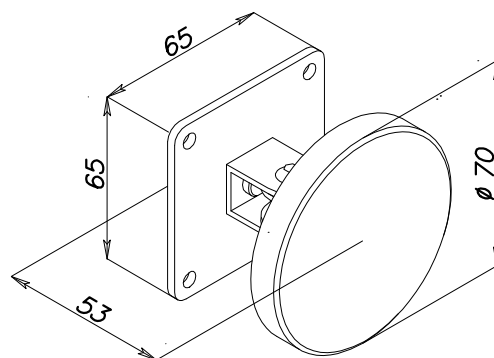
01800Z



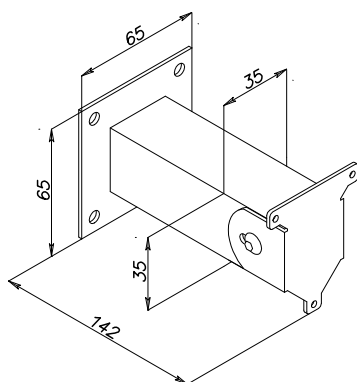
01805Z



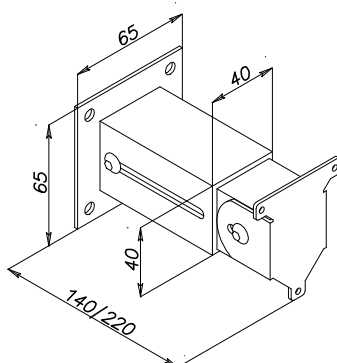
01810Z



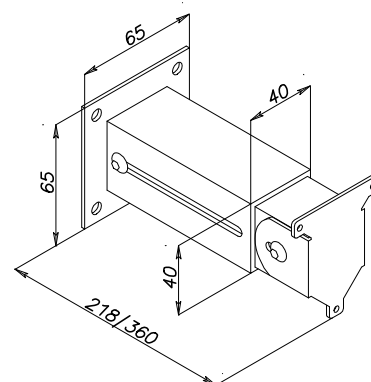
01815Z



01740F

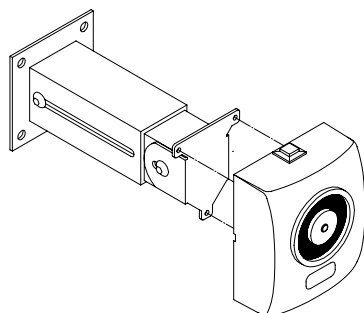


01740

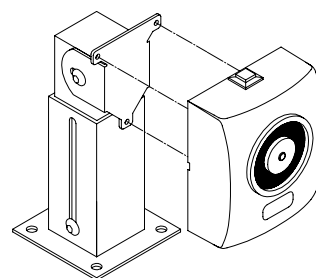


01740M

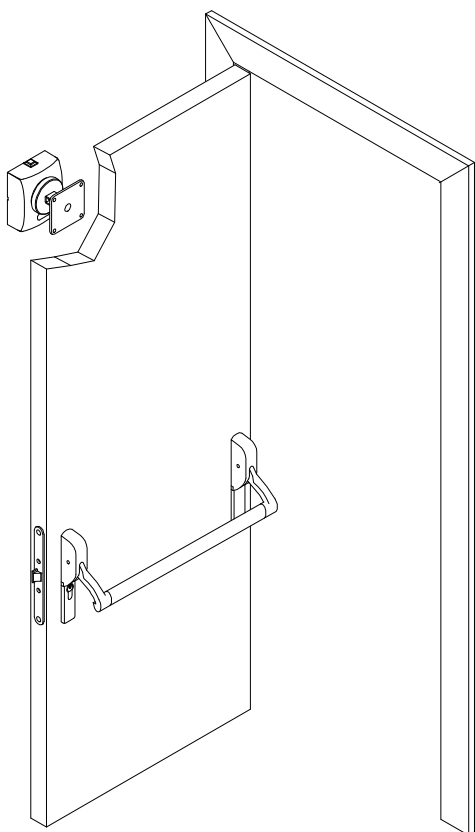
WALL MOUNTING BRACKET EXAMPLE



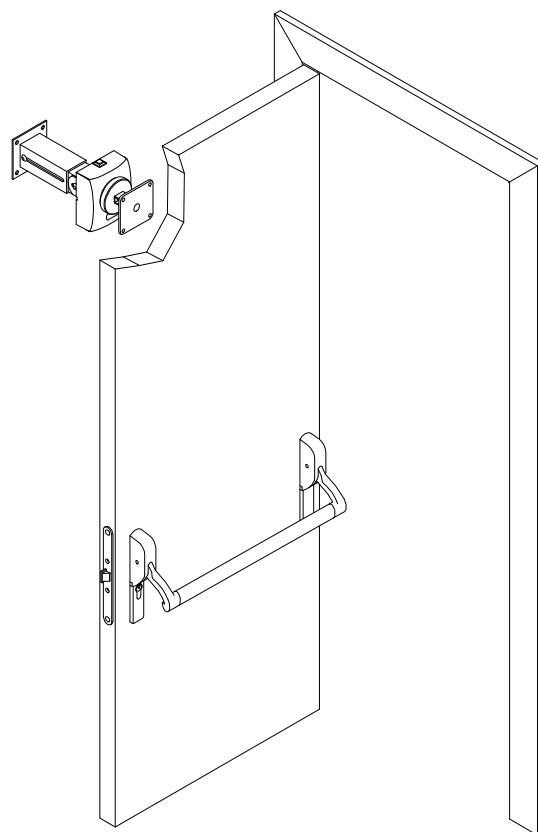
FLOOR MOUNTING BRACKET EXAMPLE



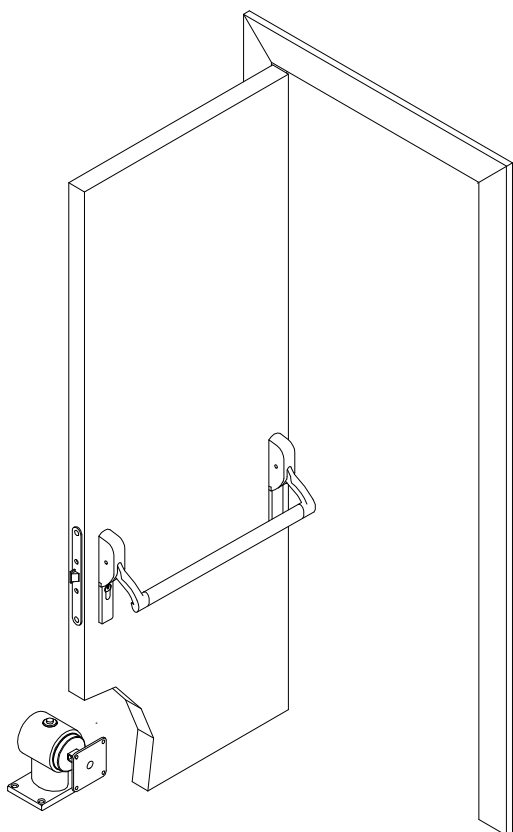
	Art.	Description
	Art. + LV	12 VDC POWER Special coil for voltage 12 Vdc Absorbed current: 120 mA Part no. electromagnet + LV (i.e. 19001LV) Use: for all electromagnets of 01620, 01630, 180, 190 series
	Art. + ALV	12 VAC POWER Special coil and rectifier circuit for operation of the electromagnet at 12 Vac Absorbed current: 130 mA Part no. electromagnet + ALV (i.e. 19001ALV) Use: for all electromagnets of 01620, 01630, 180, 190 series
	Art. + AC	24 VAC POWER Rectifier circuit for voltage at 24 Vac Absorbed current: 100 mA Part no. electromagnet + AC (i.e. 19001AC) Use: for all electromagnets of Fire Control series
	Art. + HV	48 VDC POWER Special coil for voltage at 48 Vdc Absorbed current: 40 mA Part no. electromagnet + HV (i.e. 19001HV) Use: for all electromagnets of 180, 190 series
	Art. + LF	REDUCED HOLDING FORCE 20 KG. Current reducer to bring the holding force for the standard electromagnets to 20 Kg. Part no. electromagnet + LF (i.e. 19001LF) Use: for all electromagnets of 01620, 01630, 180, 190 series
	Art. + F	SCREW CONNECTOR Power connector with screw terminal block and anti-disturb varistor fixed on the body of the electromagnet Part no. electromagnet + F (i.e. 01630F) Use: for all electromagnets of 01620, 01630, 01820, 01830 series
	Art. + M	STATUS SENSOR Internal magnetic sensor with N.O. contact for indication of attracted Armature plate Part no. electromagnet + M (i.e. 19001M) Use: for all electromagnets of 01620, 01630, 180, 190 series



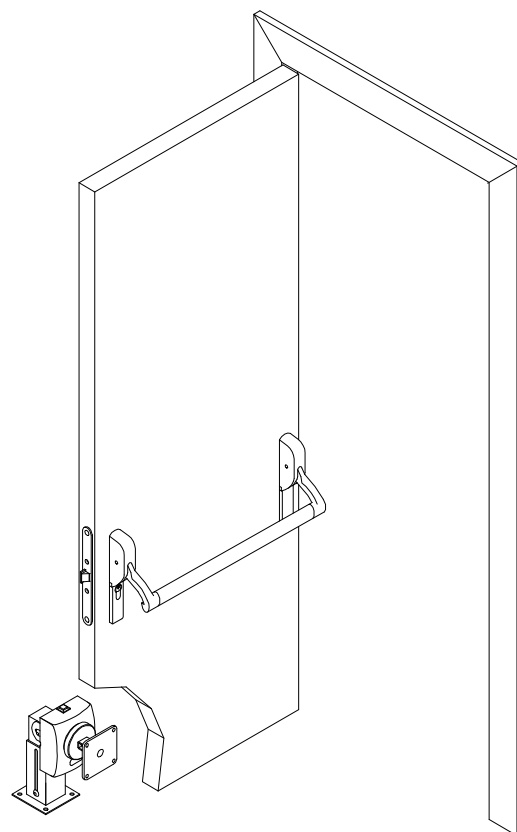
Series 190 + 01805Z



Series 190 + 01805Z + 01740



Series 18005 + 01805Z



Series 190 + 01805Z + 01740

The **hydraulic dampers** allow the automatic reclosure of a sliding fire door to be braked. After the critical moment of departure is over, the velocity of the door increases progressively and proportionally to the travel period and to its own weight. In emergency situations, the energy release could cause serious damage to people or things that may be in the way. The hydraulic regulator allows the closure velocity to be stabilized in a constant way

**Art.****Description****HYDRAULIC DAMPERS**

Body in aluminium

See dimensions at the bottom page

Pulley in steel, diameter (mm) 60 for insertion of a trapezoidal belt (special pulleys available on request)

Hydraulic, free sliding clockwise system and refrained anticlockwise (reversible).

Screw adjustment of the refrained system.

Working temperature: -15° +70°C

Side M8 fixing for insertion on support brackets (sold separately)

Steel pulley version for V-beltVulcanized rubber pulley version for steel cable with a diameter of 3 mm**60000****6000VLC****Use:** used to limit the run speed of sliding or counterweighted fire doors**60001****3 PULLEY VERSION HYDRAULIC DAMPER**

Body in aluminium

See dimension at the bottom page

Pulley in steel with vulcolan insert,

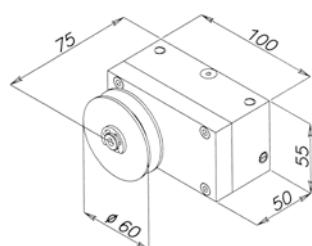
diameter (mm) 60 for insertion of a 3 mm. diameter steel cable

Hydraulic, free sliding clockwise system and refrained anticlockwise (reversible).

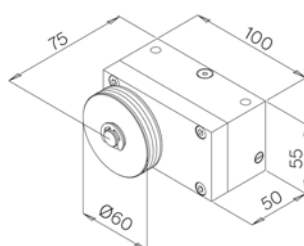
Screw adjustment of the refrained system.

Working temperature: -15° +70°C

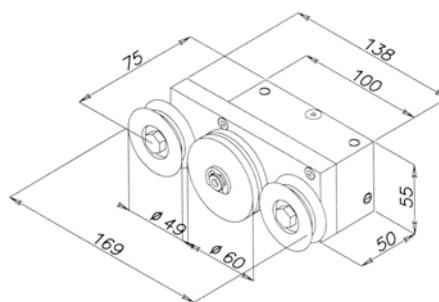
Side M8 fixing for insertion on support brackets (sold separately)

Use: used to limit the run speed of sliding or counterweighted fire doors**FIXING BRACKET****On demand:** Fixing bracket for dampers made according to customers need.

60000 Series



60000VLC Series



60001 Series

HYDRAULIC IMPACT SHOCK ABSORBERS FOR SLIDING FIRE DOORS

The **hydraulic shock absorbers** are used as stops to slow the impact and therefore facilitate the closure of a sliding door thanks to the braking effect deriving from the passage of the oil through holes and slots made in the cylindrical body. The degree of braking can be increased or decreased through a regulation system by opening or closing the passages of the oil through the piston. The stem of the shock absorber, once compressed, automatically rearms upon the reopening of the door through a special magnet, preparing itself for a new cycle.

Art.	Description
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SHORT HYDRAULIC SHOCK ABSORBER

Galvanized steel cylindrical body
Diameter of the body and magnet: 28 mm
Minimum total length including magnet: 196 mm
Total length in maximum extension: 252 mm
Stroke: 56 mm
Hydraulic shock absorbing system
Adjustment of the hardness of the shock absorber
Fixing through threaded terminals M 16 x 1
Safety valve to release the brake fluid in the case of fire and to prevent the spontaneous reset of the stem by thermal expansion of the liquid (only Art. 65000)



65000

With safety valve

Use: closure impact shock absorber for sliding fire doors with counterweights

LONG HYDRAULIC SHOCK ABSORBER

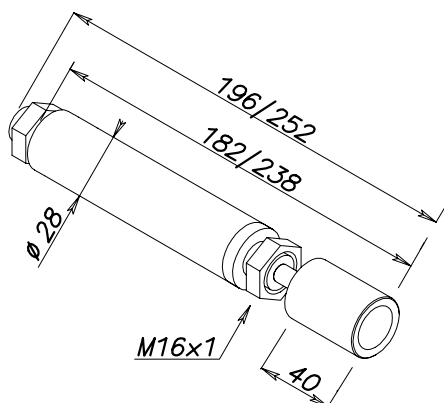
Galvanized steel cylindrical body
Diameter of the body and magnet: 28 mm
Minimum total length including magnet: 300 mm
Total length in maximum extension: 430 mm
Stroke: 130 mm
Hydraulic shock absorbing system
Adjustment of the hardness of the shock absorber
Fixing through threaded terminals M 16 x 1
Safety valve to release the brake fluid in the case of fire and to prevent the spontaneous reset of the stem by thermal expansion of the liquid



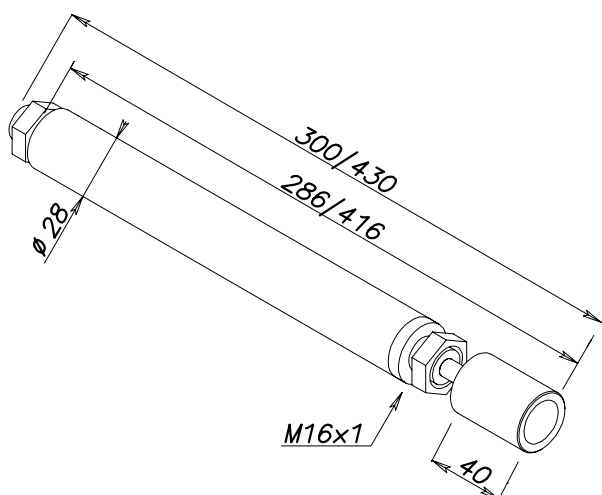
65001

With safety valve

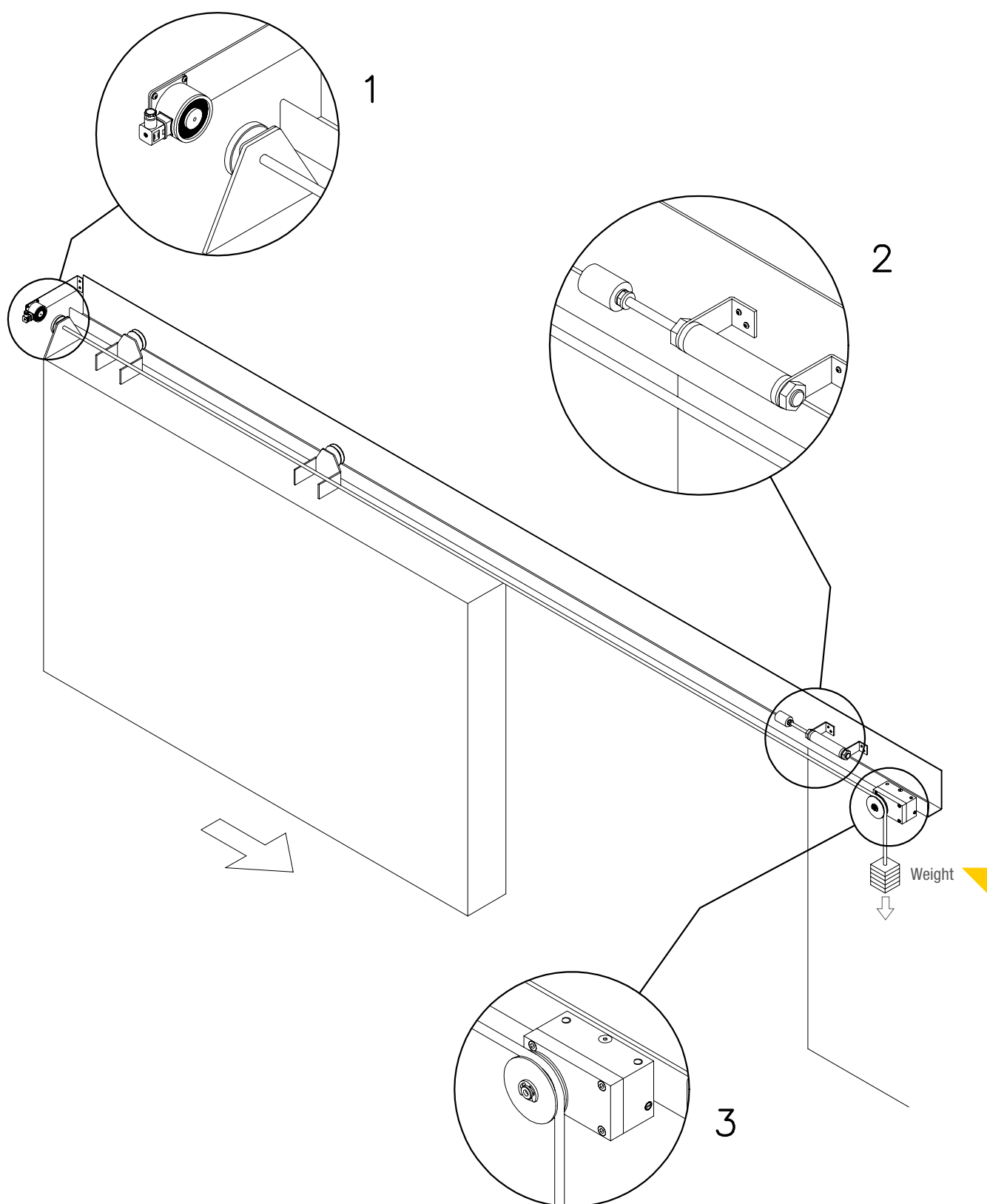
Use: closure impact shock absorber for sliding fire doors with counterweights



65000 Series



65001 Series



LEGENDA

- 1 Door retainer
- 2 Shock absorber
- 3 Hydraulic damper

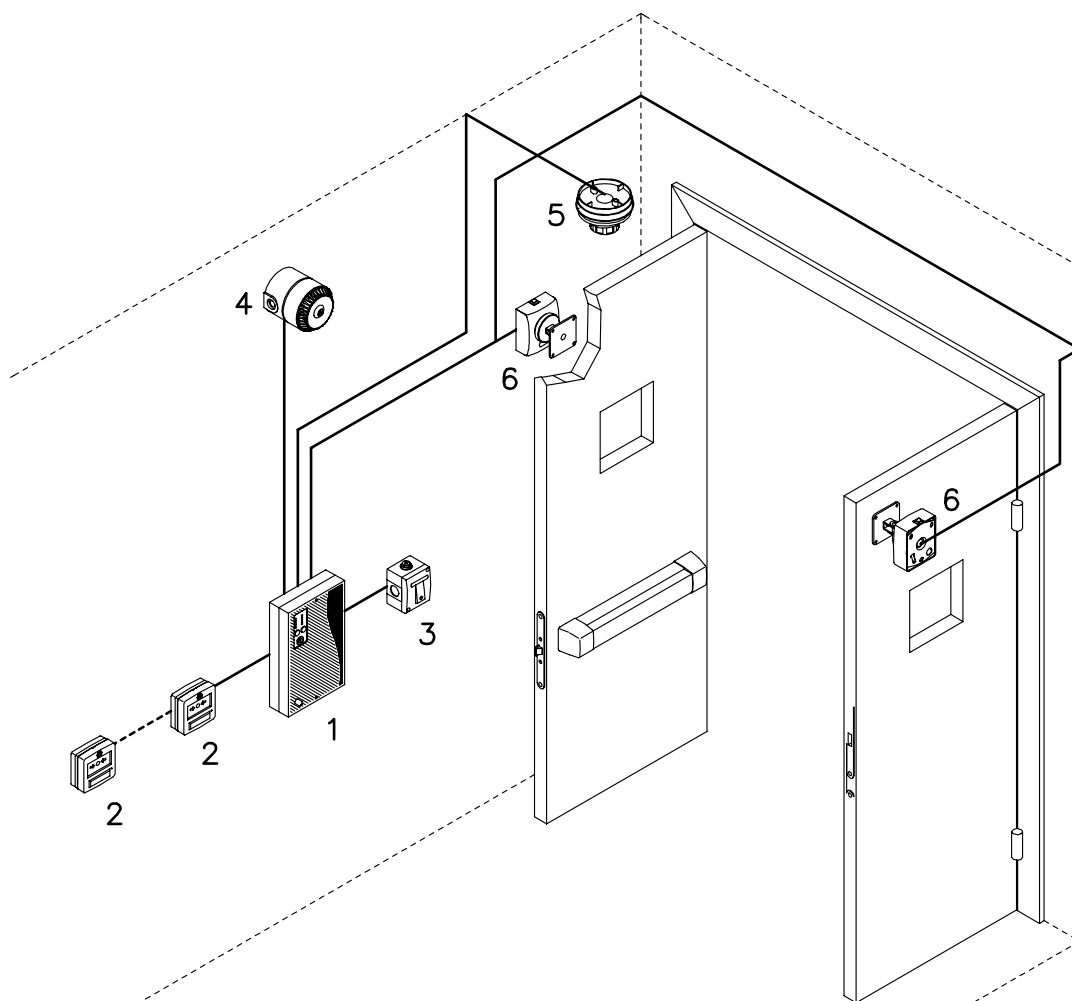


Art.	Description
05203A	DUAL HEAT AND SMOKE DETECTOR Container in white ABS Dimensions (mm): 100 diameter x 52 height Operating voltage : 24 Vdc (10 – 30 Vdc) Absorption in standby 67 microA @ 24Vdc/ in alarm: 25 mA Operating temperature: - 20 to + 70 °C Operational technology: optical, heat Supplementary detector complete with base for ceiling mount, can be connected to article 52002 Compliance: EN54-7 (smoke) Use: this dual heat detector activates alarm condition in case of smoke detection or heat detection ART. + BRA On demand: <u>relay base for connection with other systems</u>
05204A	HEAT RATE OF RISE DETECTOR Container in white colour plastic material Dimensions (mm): 100 diameter x 47 height Operating voltage : 24 Vdc (10 – 30 Vdc) Absorption in standby 55 mA / in alarm: 25 mA Operational technology: heat rate of rise with trigger for increases higher than 30°C per minute. Operating temperature: - 20 to + 70 °C Supplementary detector complete with base for ceiling mount, can be connected to article 52002 Compliance: EN54-5 (heat) Use: this heat rate of rise detector triggers an alarm condition in case of detection of a rapid rise in temperature ART. + BRA On demand: <u>relay base for connection with other systems</u>
05206A	TEST SPRAY FOR SMOKE DETECTORS Spray bottle to check correct operation of the smoke detectors Art. 05203
05207	ELECTRONIC SOUNDER Container in red colour plastic material Dimensions (mm): 93 diameter x 63 height Operating voltage: 12 / 24 Vdc - 15 mA Sound power: Max 114 dB @ 24 Vdc Working temperature -25° +70° C IP rating: P54 32 tones selectable by internal dip switches. Compliance: EN54-3 Use: electronic alarm to be used with single zone panel 52002
05115	RELEASE/RESET PUSH BUTTON Box in grey colour plastic material for wall mount Dimensions: mm 81x67x55 N.O / N.C push button contact Use: push button for release of the retainer electromagnets or for silencing reset of the fire control panel Ref. 52002

Art.	Description
05110R	<p>CALL POINT FOR ALARM ACTIVATION WITH PRESSURE, WITH MANUAL RESET</p> <p>ABS box Dimensions: 99 x 95 x 43 mm C/N.O internal exchange contact. N.C on demand Manual reset of the contact Degree of protection: IP41 Transparent Plexiglas cover for the protection of the activation button of the case Red box (for the connection to fire prevention systems) Use: Pressure on the plastic front panel plate activates the switching of the electrical contact Compliance: EN54-11 (only item 05110R)</p>



00112	<p>BATTERIES</p> <p>12 Vdc rechargeable lead battery Dimensions: 97 x 42 x 53 mm Power: 1.2 A for item. 52002</p>
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LEGENDA

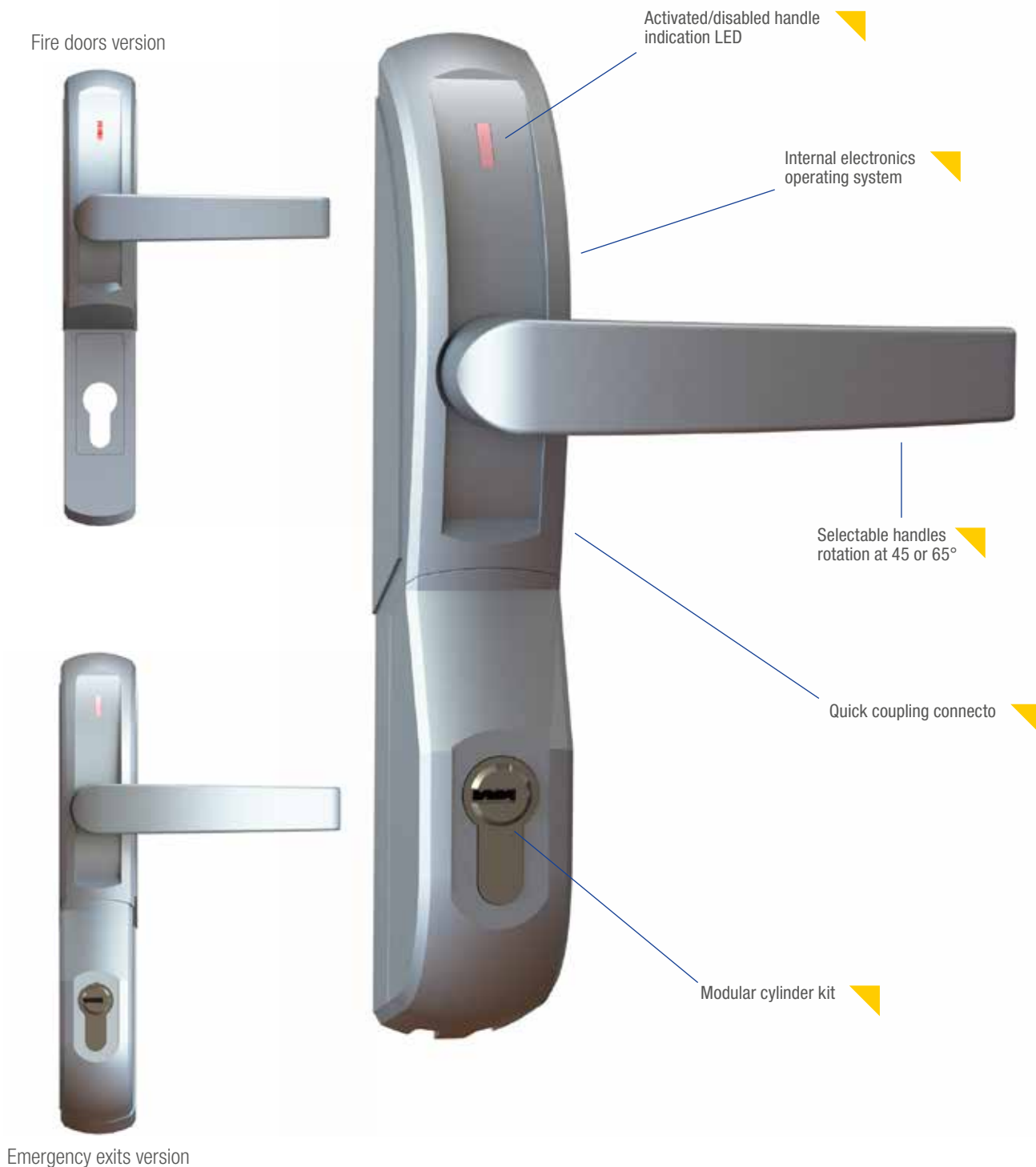
- 1 Single zone controller
- 2 Activation switches
- 3 Silence switch
- 4 Alarm
- 5 Detector
- 6 Electromagnets



SMART TRIM

- ▶ ELECTRONIC HANDLE FOR FIRE DOORS AND EMERGENCY EXITS
- ▶ TO BE MATCHED WITH ALL FIRE DOORS LOCKS
- ▶ CAN BE MOUNTED ON NARROW METAL FRAMES
- ▶ ELECTRONICS CONTROL UNIT WITH INTERNAL MICROPROCESSOR
- ▶ OPTIC AND ACOUSTIC INTEGRATED SIGNALLING





PLUS

- ▶ Elegant design in mat chrome satin finish
- ▶ To be matched with rim type panic bars
- ▶ Internal electronics with micro switch
- ▶ Blue/White LED for floor lighting
- ▶ Power 12/24 Vac/dc
- ▶ Adjustable timer
- ▶ Activated bar signalling contact





**ELECTRIC HANDLE
FOR MORTICE LOCKS**



**ELECTRIC HANDLE
FOR RIM PANIC BARS**



PLUS EXAMPLE

- ▶ Version for fire doors
- ▶ Version for panic bars
- ▶ Opening by internal button
- ▶ To be matched with intercom and access control systems

SEE VIDEO





Matt chrome



White



Black

Art.

Description

ELECTRICALLY OPERATED HANDLE**For locks for full metal and glass fire proof doors**

Brushed metal body and handle

Case-hardened steel internal mechanisms

Dimensions: mm 234 x 48,5 x 38, handle height mm 84

Distance between cylinder and handle mm 72 (on demand 85mm, 92mm or full blank with no hole).

Handle panel mm 9 (on request mm 8)

Mounting on the door, no additional holes required

Selectable handle panel rotation 45° or 60°

Power supply 12/ Vac/dc – 24Vdc

Absorbed current: at 12V – 700 mA peak/ 500 mA holding
at 24V – 300 mA peak/200 mA holding

Electronic opening holder

Red LED (handle disabled for 40610 version) and green (handle enabled for 40810 version)

VERSION WITHOUT CLOSING TIME DELAY**Use:** replacement of traditional mechanical handle mounted outside door.

The handle, normally free turning, can be enabled by de-energizing (P/N 40610 version) or energizing (P/N 40810 version) through a button contact or access control system.

Action is limited to the duration of the impulse.

40610**40610B****40610N****40810****40810B****40810N**Fail safe – enabled with no power – Matt chrome platedFail safe – enabled with no power – White painted (RAL 9010)Fail safe – enabled with no power – Black painted (RAL 9005)Fail secure – disabled with no power – Matt chrome platedFail secure – disabled with no power – White painted (RAL 9010)Fail secure – disabled with no power – Black painted (RAL 9005)**VERSION WITH CLOSING TIME DELAY**

Additional features over the previous version:

Internal timer adjustable from 0-60 s (optional)

Open collector output can be coupled with a micro external relay to report handle enabled (see P/N 05258)

Two colours red/green LED signalling the handle status enabled or disabled
Blue LED to light the bottom of door**Use:** replacement of traditional mechanical handle mounted outside door.

The handle, normally free turning, can be enabled by closing a NO button contact or access control system. In this version power supply is always on

40611**40611B****40611N****40811****40811B****40811N**Fail safe – enabled with no power – Matt chrome platedFail safe – enabled with no power – White painted (RAL 9010)Fail safe – enabled with no power – Black painted (RAL 9005)Fail secure – disabled with no power – Matt chrome platedFail secure – disabled with no power – White painted (RAL 9010)Fail secure – disabled with no power – Black painted (RAL 9005)**Note:** the use of split frames is required when fitting the electric handle to a panic bar through the mortice lock

Art. + MEC

Mechanical handle (ex. art.40610MEC)

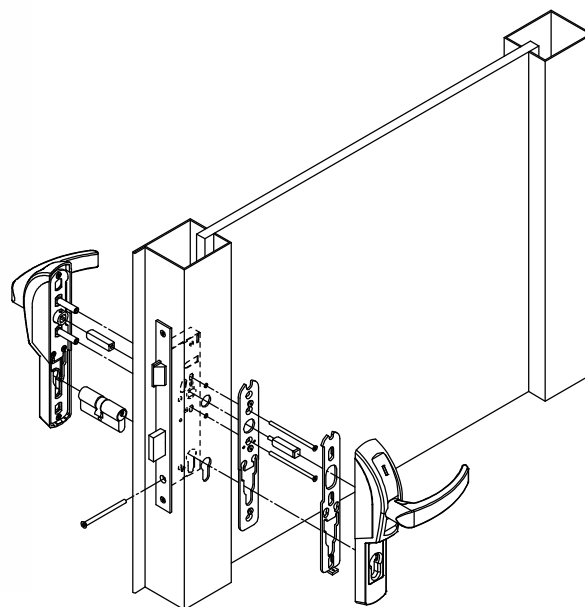
ELECTRICALLY OPERATED HANDLES SMART TRIM SERIES

Art.	Descrizione
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Art. + DM

DOUBLE ELECTRONIC HANDLE APPLICATION

(l.g. 40810DM) Electric handle with fixing plate for mounting two electric handles on both side of the same door.
See drawing below.



Double handle fixing sample
40810DM + 40810

00416

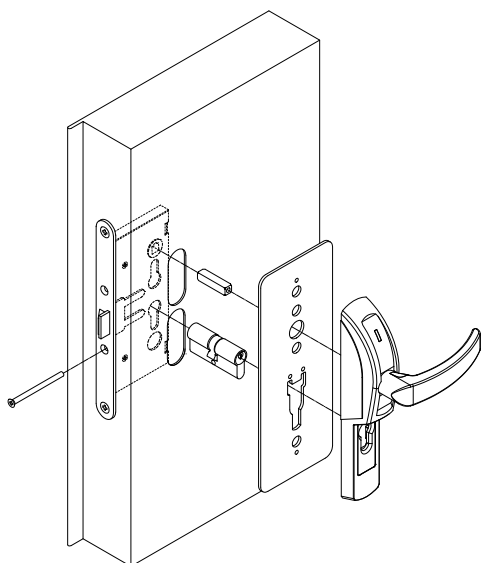
FIXING PLATE FOR ELECTRICALLY OPERATED HANDLE

Body in black painted steel

Dimensions (mm): 260 x 100 x 3

Fixing to the door by means of the electric handle itself without having to drill additional holes

Use: the plate base is a supplementary accessory which can be combined with the electric handle in cases the surface contact needs to be increased (when the fixing of the electric handle tends to crush the structure of the door itself)



Fixing under-plate item 00406



Distance between
cylinder and handle
72mm

Distance between
cylinder and handle
85mm - on demand

Distance between
cylinder and handle
92mm

Full plate



Matt chrome



White



Black

Art.	Description
	<p>ELECTRICALLY OPERATED HANDLE</p> <p>For rim panic exit bars</p> <p>Brushed metal body and handle Case-hardened steel internal mechanisms Dimensions: mm 232 x 55 x 38 handle height mm 84 Handle panel can be rotated 45° or 60° depending on the type of panic bar used Mechanical enabling through flat key cylinder Mounting on the door, no additional holes required Power supply 12/24 V AC/DC Absorbed current: at 12V – 700 mA peak/ 500 mA holding at 24V – 300 mA peak/200 mA holding Electronic opening holder Red LED (handle disabled for 40620 version) and green (handle enabled 40820 version)</p> <p>Version WITHOUT CLOSING TIME DELAY</p> <p>Use: replacement of traditional mechanical handle mounted outside door. The handle, normally free turning, can be enabled by de-energizing (P/N 40620 version) or energizing (P/N 40820 version) through a button contact or access control system. Action is limited to the duration of the impulse.</p> <p><u>40620</u> Fail safe – enabled with no power – Matt chrome plated <u>40620B</u> Fail safe – enabled with no power – White painted (Ral 9010) <u>40620N</u> Fail safe – enabled with no power – Black painted (Ral 9005)</p> <p><u>40820</u> Fail secure – disabled with no power – Matt chrome plated <u>40820B</u> Fail secure – disabled with no power – White painted (Ral 9010) <u>40820N</u> Fail secure – disabled with no power – Black painted (Ral 9005)</p> <p>Version WITH CLOSING TIME DELAY</p> <p>Additional features over the previous version: Internal timer adjustable from 0-60 s (optional) Open collector output can be coupled with a micro external relay to report handle enabled (see P/N 05258) Two colours red/green LED signalling the handle status enabled or disabled Blue LED to light the bottom of door The handle, normally free turning, can be enabled by closing a NO button contact or access control system. In this version power supply is always kept</p> <p><u>40621</u> Fail safe – enabled with no power – Matt chrome plated <u>40621B</u> Fail safe – enabled with no power – White painted (RAL 9010) <u>40621N</u> Fail safe – enabled with no power – Black painted (RAL 9005)</p> <p><u>40821</u> Fail secure – disabled with no power – Matt chrome plated <u>40821B</u> Fail secure – disabled with no power – White painted (RAL 9010) <u>40821N</u> Fail secure – disabled with no power – Black painted (RAL 9005)</p>
	TO COMBINE THE ELECTRIC HANDLE WITH A RIM PANIC BAR THE 00428 FIXING PLATE MUST BE USED

Art. + MEC

Extra On demand:

Mechanical handle - Matt chrome plated (i.e 40620MEC)

ELECTRICALLY OPERATED HANDLES FOR PANIC BARS SMART TRIM SERIES



Art.

Description

00428

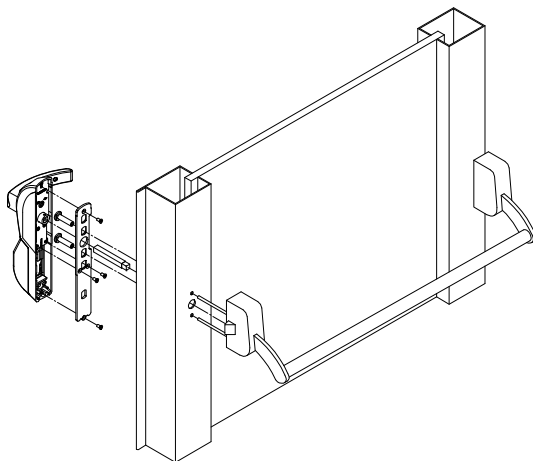
FIXING PLATE FOR MOUNTING THE ELECTRICALLY OPERATED HANDLE WITH RIM TYPE PANIC BAR

Galvanized steel made.

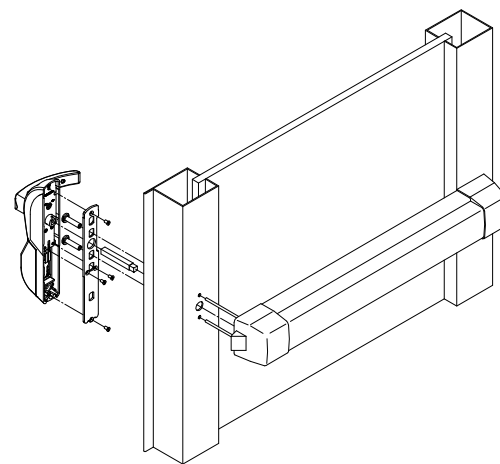
See web page for panic bar compatibility – just view the on side QR Code with your smartphone app.

Use: the fixing plate allows use of handles and electric handles 40620 – 40621 - 40820 - 40821 with different brands of panic bars.

**PRODUCT
SPECIFICATION
CHART FOR RIM
EXIT DEVICES
COMPATIBILITY**

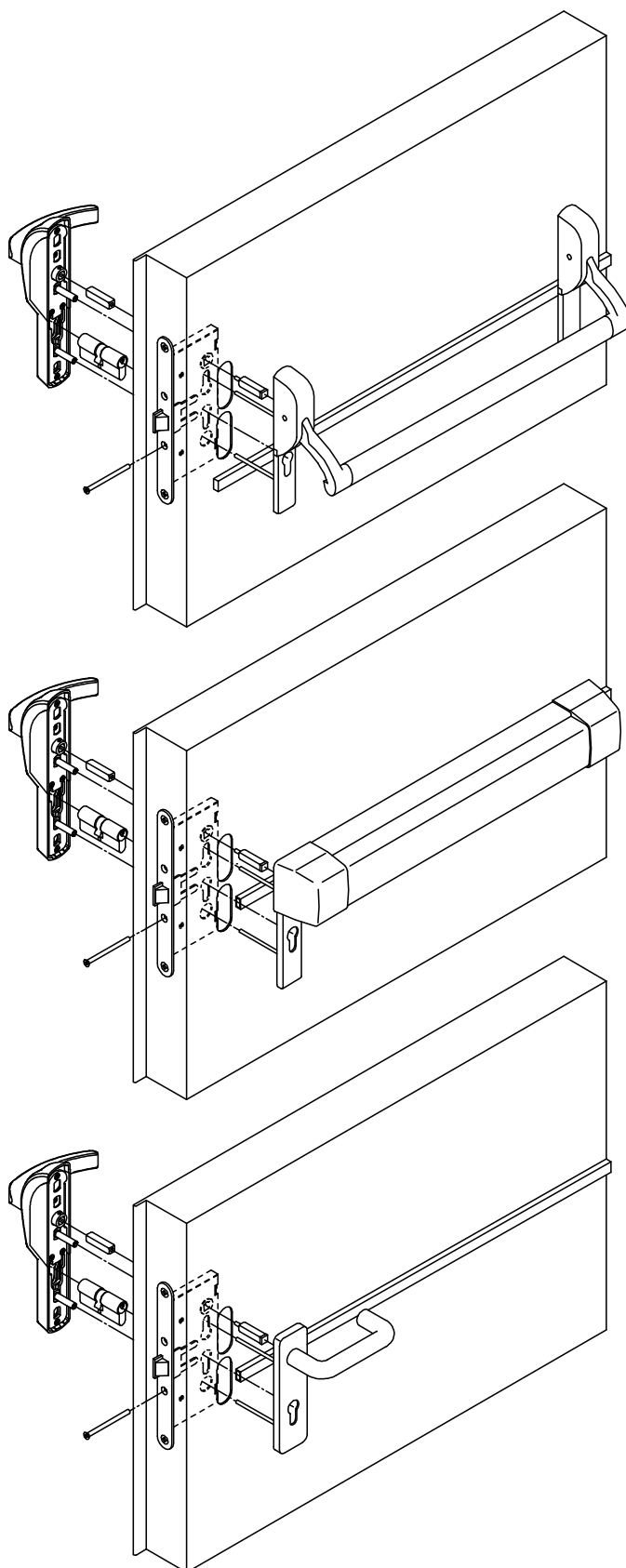


Electric handle with rim panic bar

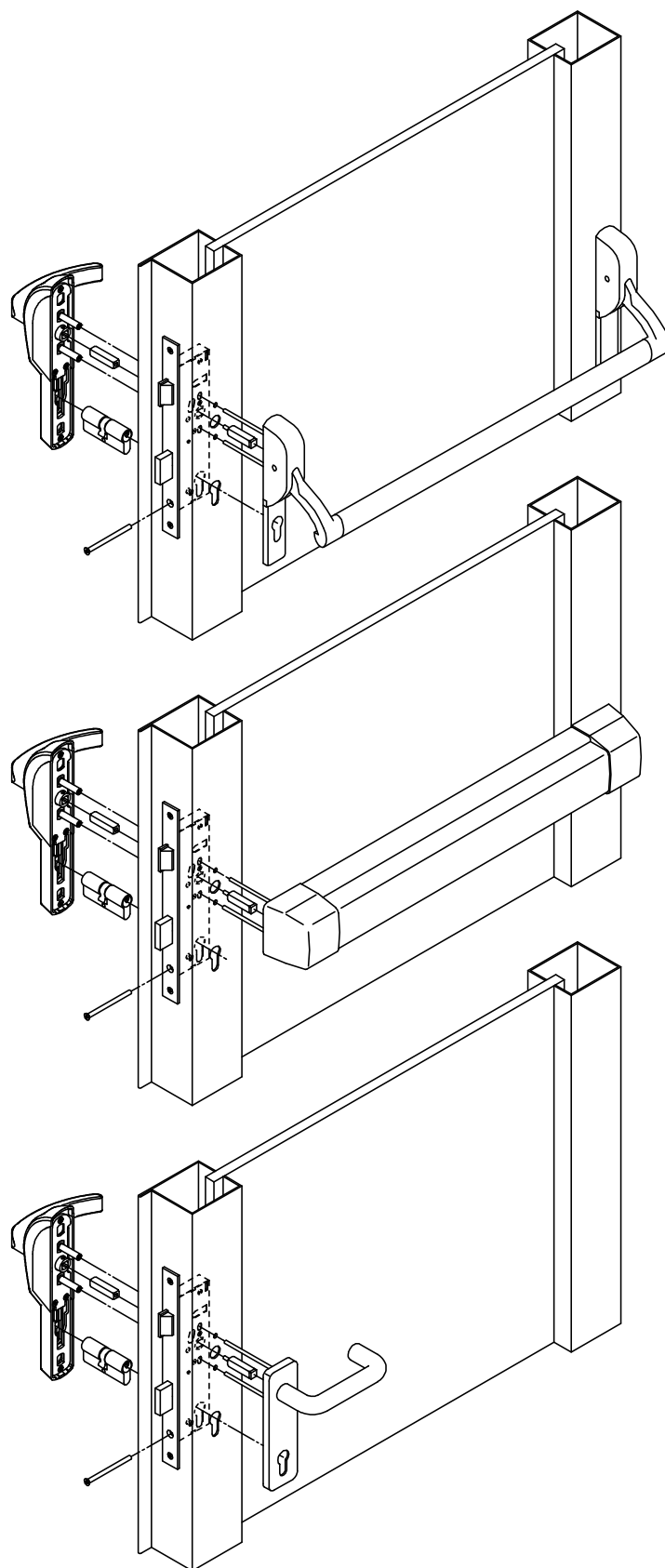


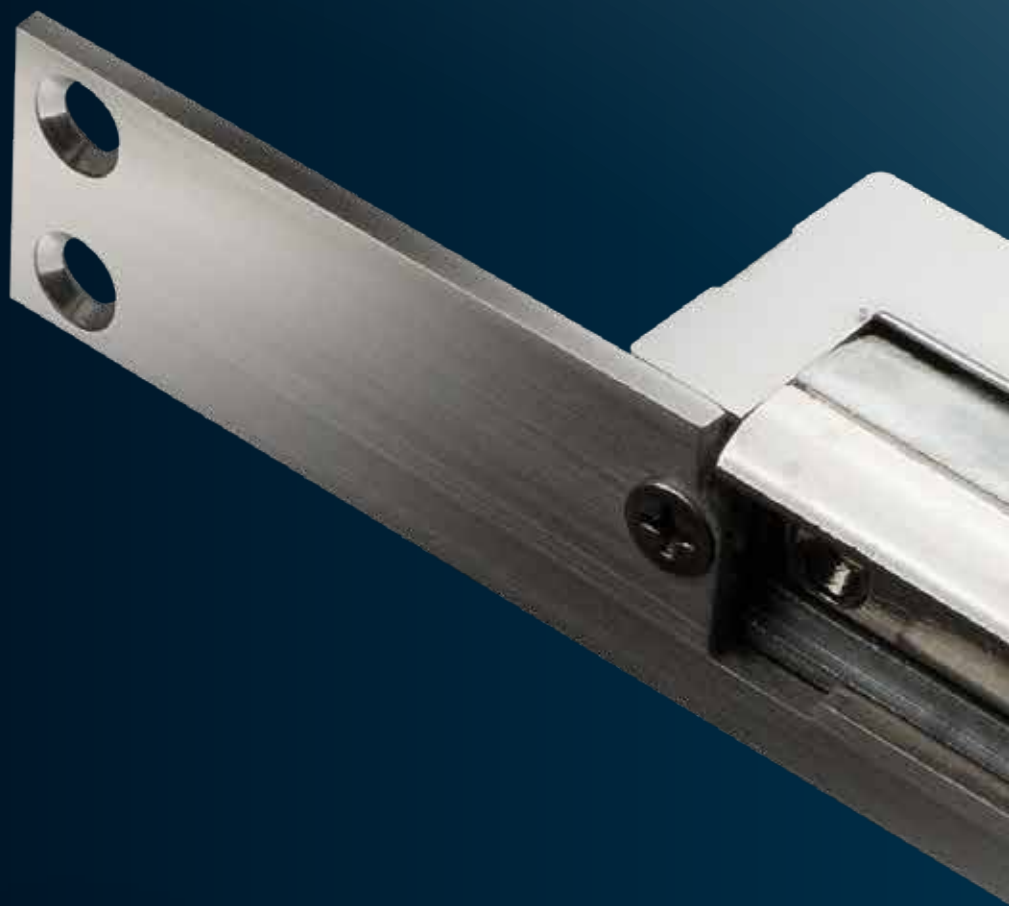
Electric handle with rim touch bar

ELECTRIC HANDLE ON FULL METAL FIRE DOOR



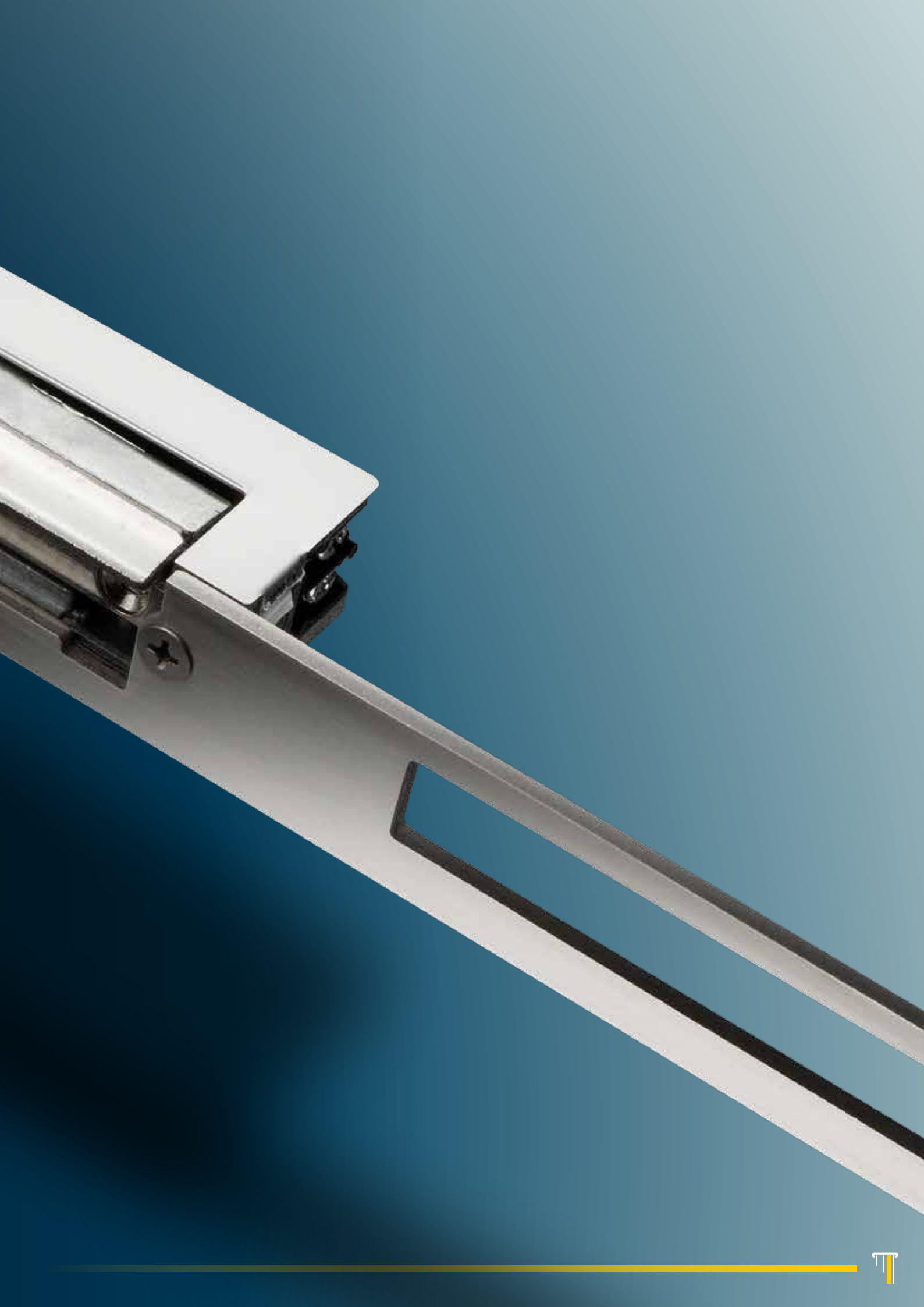
ELECTRIC HANDLE ON GLAZED DOOR

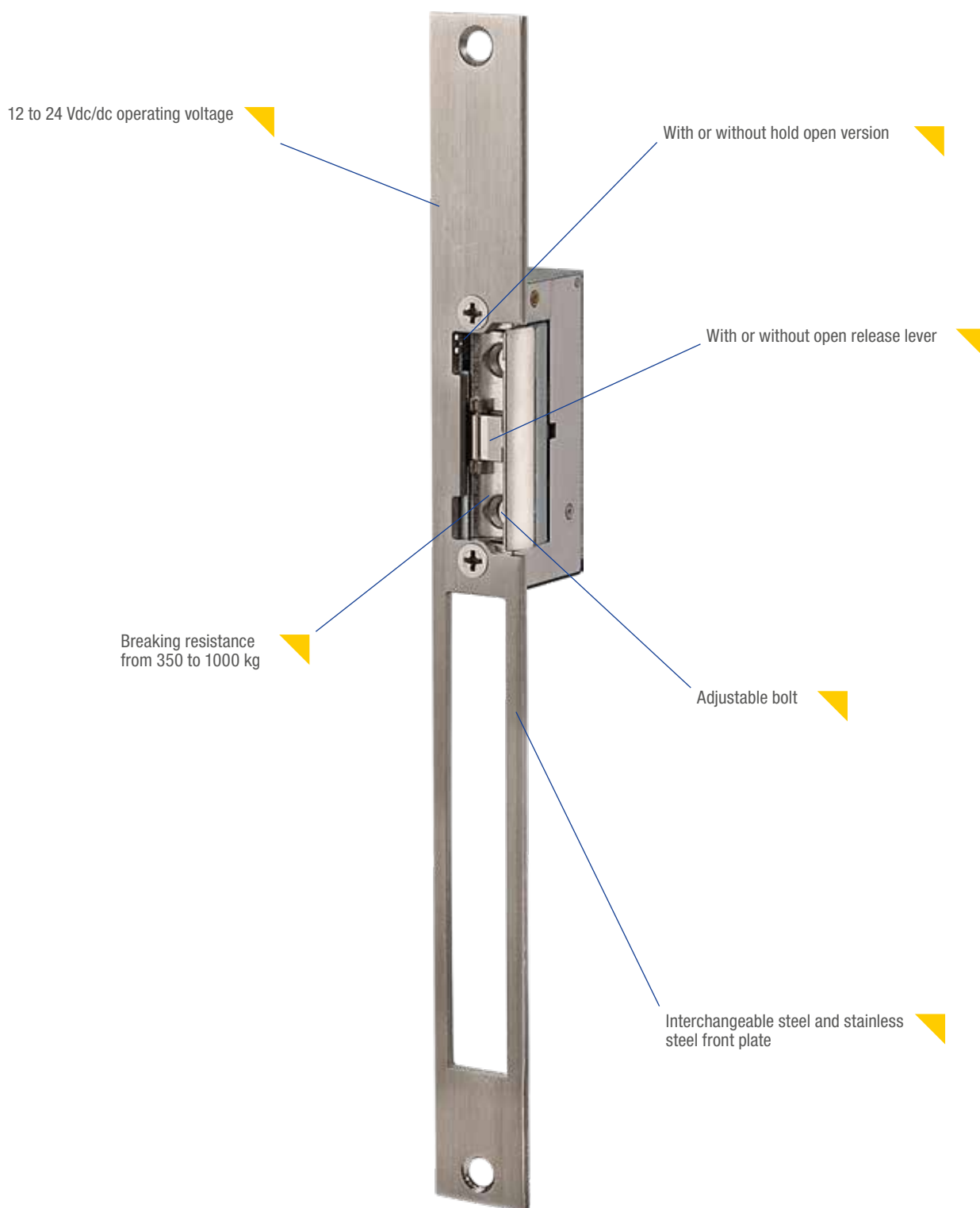




OMNIA

- ▶ SECURITY ELECTRIC STRIKES FOR WOODEN OR METAL DOORS
- ▶ RADIAL AND OMNIA 16 SERIES WITH 16 MM REDUCED GAUGE
- ▶ EXIT SERIE FOR PANIC BARS
- ▶ BLINDO SERIE FOR INTERLOCKED AND REINFORCED DOORS
- ▶ GLASS SERIE FOR CRYSTAL DOORS





PLUS

- ▶ Ideal to electrify door openings with mechanical locks
- ▶ Breaking resistance from 350 to 1000 kg
- ▶ Fail safe or fail secure versions
- ▶ Low consumption versions to be matched with access control systems
- ▶ Versions with door status micro switch
- ▶ Wide range of front plates and finishes

OPENING SYSTEM



CLOSED

OPEN

CRYSTAL DOOR EXAMPLE

- ▶ Glass electric strike for crystal doors
- ▶ Door block without lock
- ▶ Fail safe or fail secure versions
- ▶ For crystal thickness up to 12 mm
- ▶ Stainless steel front plate
- ▶ To be matched with access control systems



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Common mechanical characteristics: Body and latch block in anti-corrosive metal, symmetrical - reversible. Destruction resisting power: 350 Kg. Horizontally adjustable latch block. **Provided without striking plate (to be ordered— see pages 104, 105 and 108).** **Use:** electric strike for aluminium or wood doors with latch or deadbolt locks.



Art.

Description

ELECTRIC STRIKE

Fail locked

Without hold open function (opening limited to electrical impulse duration)

31012

Operating voltage: 8 -12 Vac - 1.000 mA - without open release lever

31012UNI

Operating voltage: 12 Vdc - 300 mA - without open release lever

31024DC

Operating voltage: 24 Vdc - 170 Ma - without open release lever

31112

Operating voltage: 8 -12 Vac - 1.000 mA - with open release lever

31112UNI

Operating voltage: 12 Vdc - 300 mA - with open release lever

31124DC

Operating voltage: 24 Vdc - 170 Ma - with open release lever

ELECTRIC STRIKE

Fail locked

With hold open function (opening with electrical impulse)

Relocking after door opening

31212L

Operating voltage: 8 -12 Vac – 1.000 mA - without open release lever

31212L UNI

Operating voltage: 12 Vdc – 300 mA - without open release lever

31224LDC

Operating voltage: 24 Vdc – 170 mA - without open release lever

31312L

Operating voltage: 8 -12 Vac – 1.000 mA - with open release lever

31312L UNI

Operating voltage: 12 Vdc – 300 mA - with open release lever

31324LDC

Operating voltage: 24 Vdc – 170 mA - with open release lever



Hold open
function lever



AUTOMATIC ELECTRIC STRIKE WITH HOLD OPEN FUNCTION BUILT IN

Fail locked. Operating voltage: 8 -12 Vac - Current: 1,000 mA

With built in hold open function without reload piston (opening with electrical impulse)

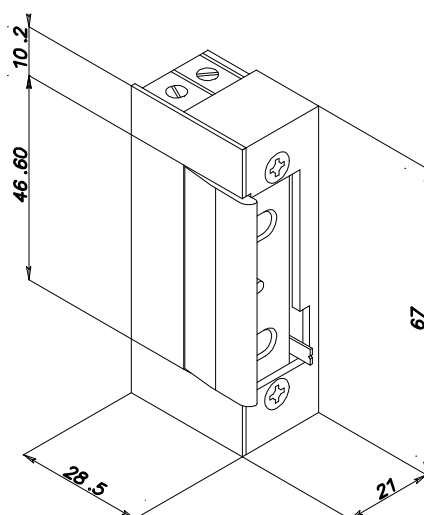
Relocking after door opening

31412A

Without open release lever

31512A

With open release lever



Common mechanical characteristics: Body and latch block in anti-corrosive metal, symmetrical – reversible. Destruction resisting power: 350 Kg. **Horizontally adjustable latch block. Without striking plate (to be ordered separately – see pages 104, 105 and 108).**
Use: electric strike for aluminium or wood doors with latch or deadbolt locks



Art.

Description

31012DCPN

LOW CONSUMPTION ELECTRIC STRIKE FOR ACCESS CONTROL SYSTEMS

Fail locked

Operating voltage: 12 Vac/dc - Current absorption: 250 mA

Internal anti-disturb varistor

Without hold open function (opening limited to electrical impulse duration)

Use: electric strike for aluminium or wood doors with latch or deadbolt locks

Special low current absorption with anti-disturb varistor.

Ideal for use with access control systems (i.e. : hotel badge readers)



31012DCF

31412FTA

ELECTRIC STRIKE WITH UP-LIFTED LATCH FOR ACCESS CONTROL SYSTEMS

Fail locked

Operating voltage: 12Vac/dc - 250mA - without hold open function - opening limited to electrical impulse duration - Internal anti-disturb varistor

Operating voltage: 12Vac - 1000 mA - with internal hold open function - opening with electrical impulse - Relocking after door opening

Use: electric strike for wood doors with deadlocked latch. It allows the complete action of the lock latch in order to activate the deadlocking. Special low current absorption with anti-disturb varistor. Ideal for use with access control systems (i.e.: hotel badge readers)



31012TD

31112TD

TEMPORISED ELECTRIC STRIKE

Fail locked

Operating voltage :12 Vac - Current : 650 mA

Dimension 75x21x28 mm

Without hold open function (opening with electrical impulse)

Relocking after door opening

Opening time from 5 to 10 secs

After electrical impulse, door re-locks even if not moved, after few seconds.

Without open release lever

With open release lever



31812

31824

ELECTRIC STRIKE

Fail unlocked

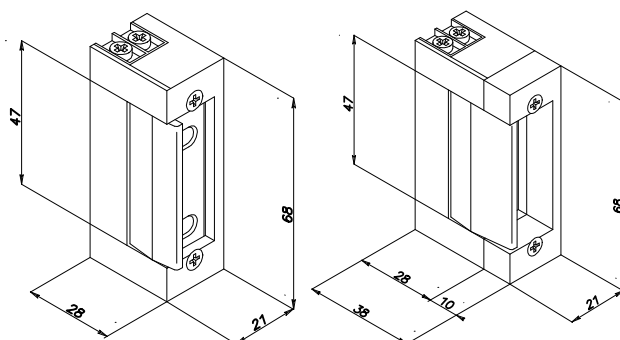
Horizontally adjustable latch block

Opening limited to the duration of lack of power

Operating voltage: 12 Vdc - Current: 350 mA

Operating voltage: 24 Vdc - Current: 120 mA

Note: Not for timber doors



www.opera-italy.com

Common mechanical characteristics: Body and latch block in anti-corrosive metal, symmetrical – reversible.

Destruction resisting power: 500 Kg. Latch block horizontally adjustable. **Without striking plate (to be ordered separately – see page 106)**

Use: electric strike for aluminium or wood doors with latch or deadbolt locks.

Operation: in this radial electric strike the door latch bolt does not pivot out during opening but rather moves into the electric strike housing. This means that no cut needs to be made in the door post for the movement of the latch bolt during opening.



Art.	Description
	ELECTRIC STRIKE Operating voltage: 8 -12 Vac - 1.000 mA Fail locked Without hold open function (opening limited to electrical impulse duration)
32012	<u>Without open release lever</u>
32112	<u>With open release lever</u>



Lever hold
open function

	ELECTRIC STRIKE Operating voltage: 8 -12 Vac - 1.000 mA Fail locked With hold open function (opening with electrical impulse) Relocking after door opening
32212	<u>Without open release lever</u>
32312	<u>With open release lever</u>

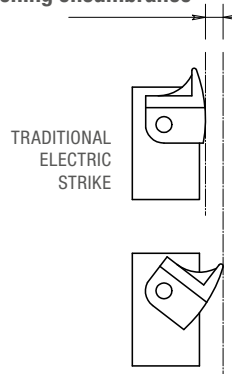


	ELECTRIC STRIKE Fail Safe - open with no power
32812	<u>Operating voltage: 12Vdc - consumption 220 mA</u>
32824	<u>Operating voltage: 24Vdc - consumption 140 mA</u>

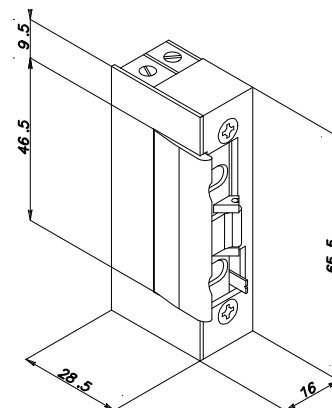
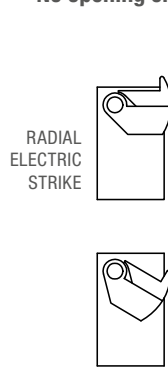


	AUTOMATIC ELECTRIC STRIKE WITH HOUSED IN HOLD OPEN FUNCTION Operating voltage: 8 -12 Vac – 1.000 mA Fail locked With hold open function (opening with electrical impulse) Relocking after door opening
35412	<u>Without open release lever</u>
35512	<u>With open release lever</u>

Opening encumbrance



No opening encumbrance



ELECTRIC STRIKES OMNIA RADIAL PRELOAD

Common mechanical characteristics: Body and latch block in anti-corrosive metal, symmetrical – reversible. Destruction resisting power: 500 Kg. Latch block horizontally adjustable. **Without striking plate (to be ordered separately – see page 106)**

Use: electric strike for aluminium or wood doors with latch or deadbolt locks.

Operation: in this radial electric strike the door latch bolt does not pivot out during opening but rather moves into the electric strike housing. This means that no cut needs to be made in the door post for the movement of the latch bolt during opening.

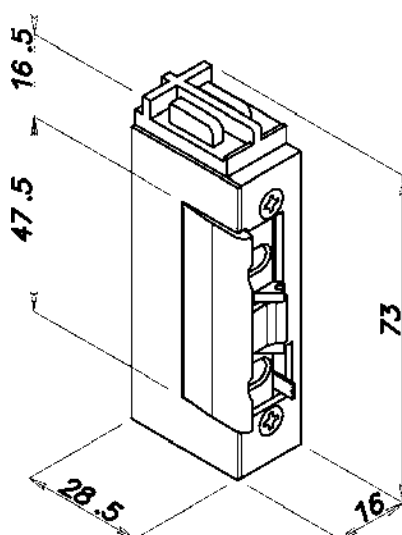
NEW: guaranteed opening despite 40 Kg side pressure.



Art.	Description
	ELECTRIC STRIKE - PRELOAD Operating voltage: 6/28 Vac/dc Consumption: 12V / 390 mA peak / 210 mA holding 24V / 240 mA peak / 110 mA holding Fail locked Without hold open function (opening limited to electrical impulse duration)
32012PLA	<u>Without open release lever</u>
32112PLA	<u>With open release lever</u>



	ELECTRIC STRIKE - PRELOAD Operating voltage: 6/28 Vac/dc Consumption: 12V / 390 mA peak / 210 mA holding 24V / 240 mA peak / 110 mA holding Fail locked With hold open function (relocking after door opening)
32212PLA	<u>Without open release lever</u>
32312PLA	<u>With open release lever</u>



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Common mechanical characteristics:

Body and latch block in anti-corrosive metal, **symmetrical** - reversible. Destruction resisting power: 1.000 Kg.

Without striking plate (to be ordered separately – see pages 104, 105 and 108)

Use: special electric strike for security doors for use with an access control system or interlocking doors



Art.

Description

SECURITY ELECTRIC STRIKE

Monitored latch position micro-switch C./N.O./N.C.

Fail locked

Opening limited to electrical impulse duration

34602A

Operating voltage : 12 Vdc - 230 mA

34604A

Operating voltage : 24Vdc - 170 mA

Fail safe

Opening limited to the duration of the lack of power

34802A

Operating voltage : 12 Vdc - 300 mA

34804A

Operating voltage : 24Vdc - 140 mA



34622

SECURITY ELECTRIC STRIKE

Monitored latch position micro-switch C./N.O./N.C.

34624

Fail locked

Opening limited to electrical impulse duration

Operating voltage : 12 Vdc - 260 mA

Operating voltage : 24Vdc - 120 mA

Fail safe

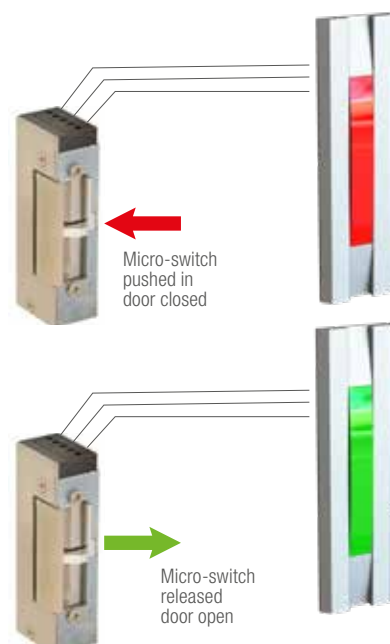
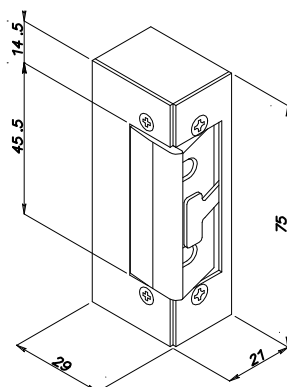
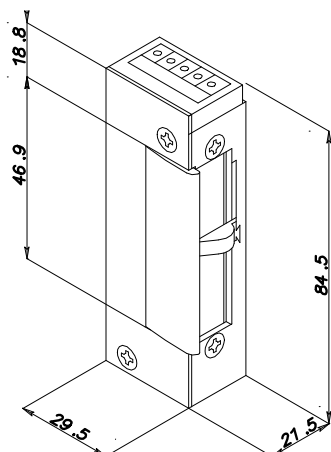
Opening limited to the duration of the lack of power

34822

Operating voltage : 12 Vdc - 200 mA

34824

Operating voltage : 24Vdc - 120 mA



SECURITY ELECTRIC STRIKES FOR PANIC BARS OMNIA EXIT SERIES

Common mechanical characteristics: Body in black painted metal. Latch block in metal, symmetrical - reversible. Destruction resisting power: 1,000 Kg. **Provided with n° 6 shims item 00360B**



Art.	Description
	SECURITY ELECTRIC STRIKE FOR PANIC BARS
	Fail locked
	Body in black painted metal, matt chrome on demand. Latch block in metal, symmetrical - reversible.
	Destruction resistance power: 1.000 Kg.
	Opening limited to electrical impulse duration:
36012B	<u>Operating voltage: 8/12 Vac/500 mA</u>
36012BM	<u>Operating voltage: 8/12 Vac/500 mA with microswitch C./ N.A./N.C.</u>
36612B	<u>Operating voltage: 12 Vdc/200 mA</u>
36624B	<u>Operating voltage: 24 Vdc/100 mA</u>
36612BM	<u>Operating voltage : 12 V dc /200 mA with microswitch C./N.O. /N.C.</u>
36624BM	<u>Operating voltage: 24 Vdc/100 mA with microswitch C./ N.A./N.C.</u>
	Opening with electric pulse and relocking after door opening:
36412B	<u>Operating voltage: 8-12 Vac/500 mA with internal hold open function</u>
	Fail unlocked - Fail safe
36812B	<u>Operating voltage: 12 Vdc/200 mA</u>
36824B	<u>Operating voltage: 24 Vdc/100 mA</u>
36812BM	<u>Operating voltage : 12 Vdc /200 mA with microswitch C./N.O./N.C.</u>
36824BM	<u>Operating voltage: 24 Vdc/100 mA with microswitch C./N.O./N.C.</u>
ART. + CR	<u>Matt chrome finish</u>



00360B
00360BG

SHIMS FOR ELECTRIC STRIKE FOR SURFACE FIXING

2 mm. shims, to compensate for height of the electric strike with the panic bar latch

In Black ABS
In Grey ABS (for version CR)



36012C
36412C

ART. +CR

ELECTRIC STRIKE FOR PANIC BARS

Fail locked

Body in black painted metal, matt chrome on demand. Latch block in metal, symmetrical - reversible.

Power supply: 8/12 Vac/1000 mA

Destruction resistance power: **350 Kg.**

Opening limited to electrical impulse duration

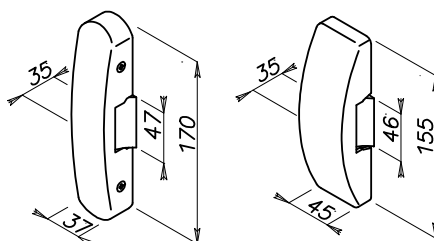
Opening with electric pulse and relocking after door opening

Matt chrome finish

Provided with n° 7 shims item 00360C

00360C

1mm shim



www.opera-italy.com

Common mechanical characteristics: Body and latch block in metal, asymmetrical (determine hand). Destruction resisting power: 700 Kg.
Without striking plate (to be ordered separately - See page 107)

Use: electric strikes for armoured doors

See page 91 to set hand of the product



Picture right hand

Art.	Description
	SECURITY ELECTRIC STRIKE Fail locked Opening with electrical impulse
37012.1A	<u>Power supply: 12 Vac - 1,000 mA - Right hand</u>
37012.2A	<u>Power supply: 12 Vac - 1,000 mA - Left hand</u>
37612.1A	<u>Power supply: 12 Vac - 200 mA - Right hand</u>
37612.2A	<u>Power supply: 12 Vdc - 200 mA - Left hand</u>
37624.1A	<u>Power supply: 24 Vdc - 150 mA - Right hand</u>
37624.2A	<u>Power supply: 24 Vdc - 150 mA - Left hand</u>
	Locked with power - Fail safe Opening limited to the duration of the power failure
37812.1A	<u>Power supply: 12 Vdc - 200 mA - Right hand</u>
37812.2A	<u>Power supply: 12 Vac - 200 mA - Left hand</u>
37824.1A	<u>Power supply: 24 Vdc - 150 mA - Right hand</u>
37824.2A	<u>Power supply: 24 Vac - 150 mA - Left hand</u>



Picture right hand

	AUTOMATIC SECURITY ELECTRIC STRIKE Fail locked Opening with electrical impulse. Relocking after door opening Operating voltage: 12 Vac - 1000 mA
37212.1A	<u>Right hand - with lever for hold open function</u>
37212.2A	<u>Left hand - with lever for hold open function</u>
37312.1A	<u>Right hand - lever hold open function and mechanical unlocking</u>
37312.2A	<u>Left hand - lever hold open function and mechanical unlocking</u>
37412.1A	<u>Right hand - with internal hold open function</u>
37412.2A	<u>Left hand - with internal hold open function</u>
37512.1A	<u>Right hand - internal hold open function, mechanical unlocking</u>
37512.2A	<u>Left hand - internal hold open function, mechanical unlocking</u>



Picture right hand

	SECURITY ELECTRIC STRIKE PRELOAD Fail locked Fail secure Electric strike with internal electronic circuit for armored doors unlockable with a side load on the latch up to 40 Kg. Power supply: 6 - 28 Vac/dc Absorbed current: 12V / 390 mA at activation, 210 mA in standby. Absorbed current: 24V / 240 mA at activation, 110 mA in standby
37012.1PLA	<u>Operating voltage 12 Vdc - 200 mA power</u>
37012.2PLA	<u>Right hand - without hold open function</u>
	<u>Left hand - without hold open function</u>
37312.1PLA	<u>With sliding hold open function</u>
37312.2PLA	<u>Right hand - with hold open function</u>
	<u>Left hand - with hold open function</u>

SECURITY ELECTRIC STRIKES OMNIA BLINDO 1.000 SERIES

Common mechanical characteristics: Body and latch block in metal, asymmetrical (determine hand).

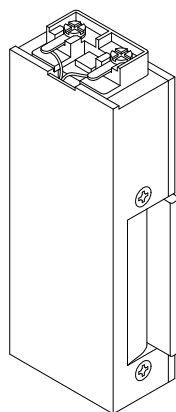
Destruction resisting power: 1,000 Kg. **Without striking plate (to be ordered separately – See page 104, 105 and 108)**

Use: electric strike for latch and deadbolt locks applied on gates exposed to precipitation

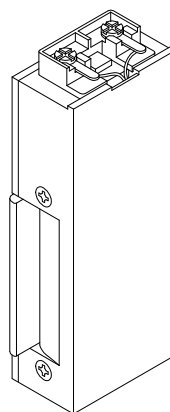


Art.	Description
	SECURITY ELECTRIC STRIKE
	Fail locked
	IP rating: IP56 (can operate outside)
	Without hold open function. Opening limited to electrical impulse duration
38012.1A	<u>Right hand - 12 Vac - 500 mA Power</u>
38012.2A	<u>Left hand - 12 Vac - 500 mA Power</u>
	Automatic with internal hold open function. Opening with electrical impulse. Relocking after door opening.
38412.1A	<u>Right hand - 12 Vac - 500 mA Power</u>
38412.2A	<u>Left hand - 12 Vac - 500 mA Power</u>
	On request:
38612.1/.2A	<u>Security - 12 Vdc - 200 mA power:</u>
38624.1/.2A	<u>Security - 24 Vdc - 150 mA power:</u>
38812.1/.2A	<u>Anti-panic - 12 Vdc - 200 mA power:</u>
38824.1/.2A	<u>Anti-panic - 24 Vdc - 150 mA power</u>

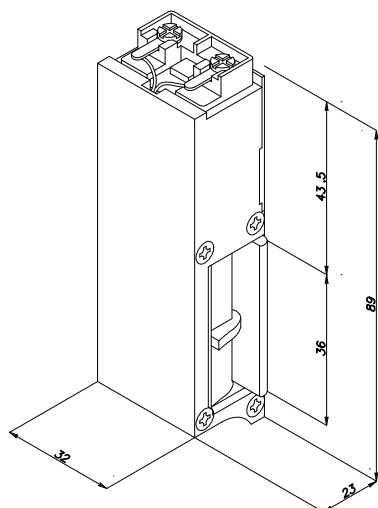
Right hand



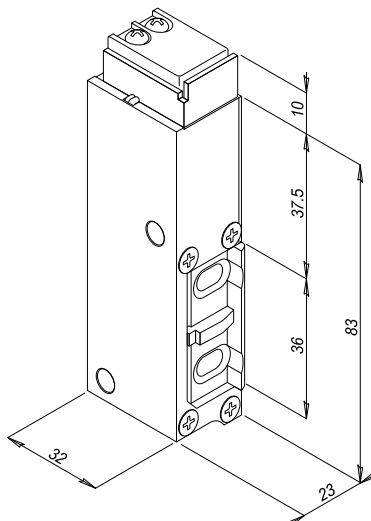
Right hand



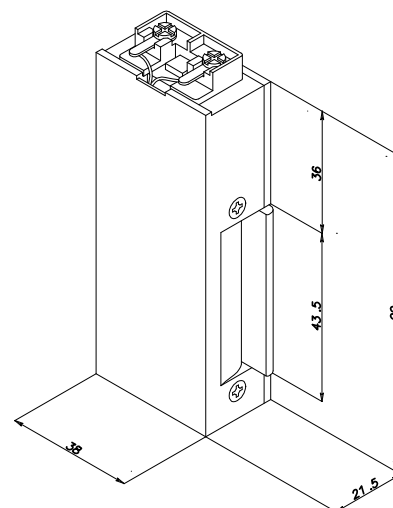
Omnia Blindo 700



Omnia Blindo 700 Preload



Omnia Blindo 1000



www.opera-italy.com

Common mechanical characteristics: Body and latch block in metal, asymmetrical. Supplied with striking plate in stainless steel

Use: electric strikes for glazed doors



Art.	Description
39012A	SECURITY ELECTRIC STRIKE FOR GLASS DOORS Fail locked Mortice electric strike for glazed doors – from 10 to 12 mm thick doors Opening limited to electrical impulse duration Operating voltage :12 Vdc Current absorption: 280 mA



39812A	SECURITY ELECTRIC STRIKE FOR GLASS DOORS Fail unlocked - Fail safe Mortice electric strike for glazed doors – from 10 to 12 mm thick doors Operating voltage: 12 Vdc Current absorption: 280 mA
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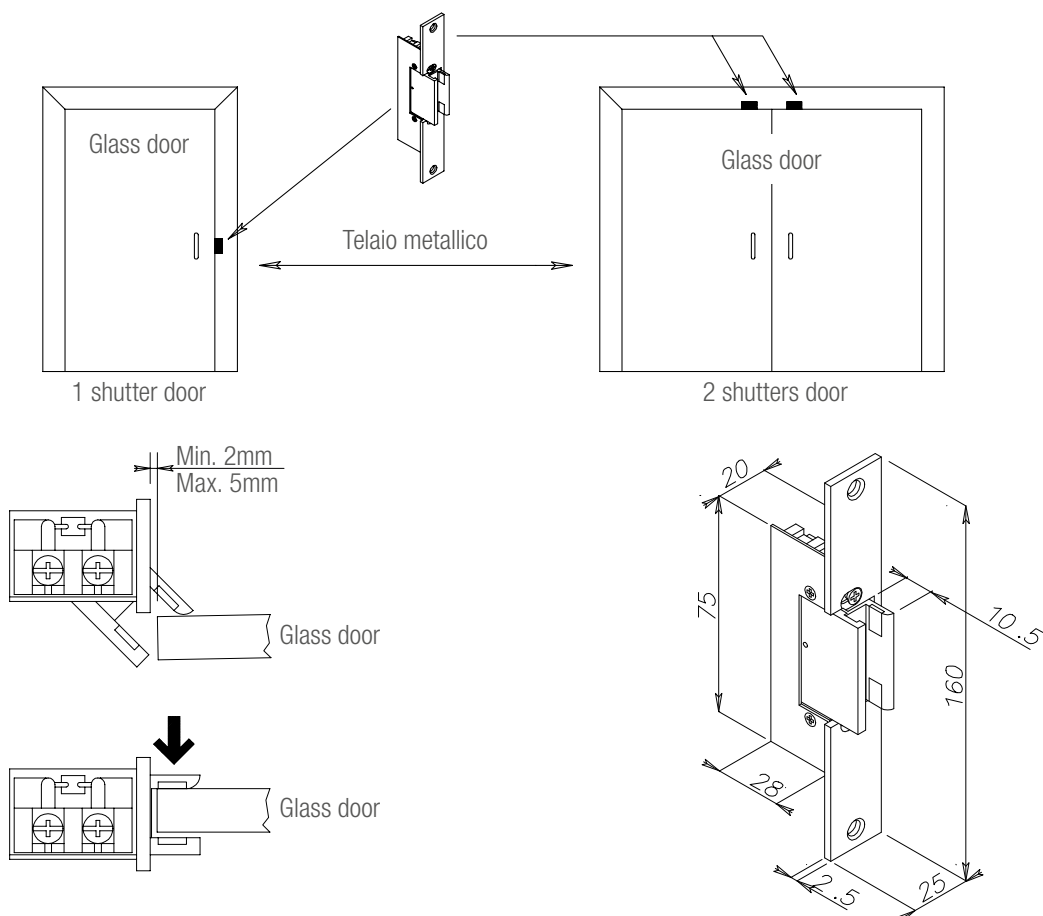
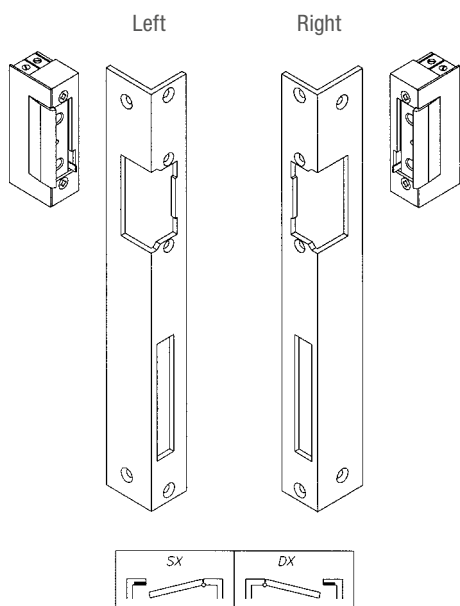
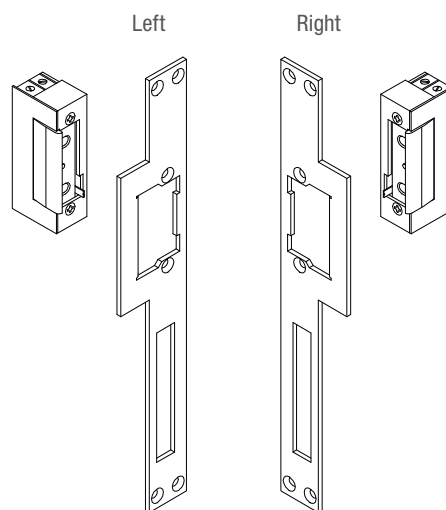


TABLE TO IDENTIFY THE HAND OF THE ELECTRIC STRIKE

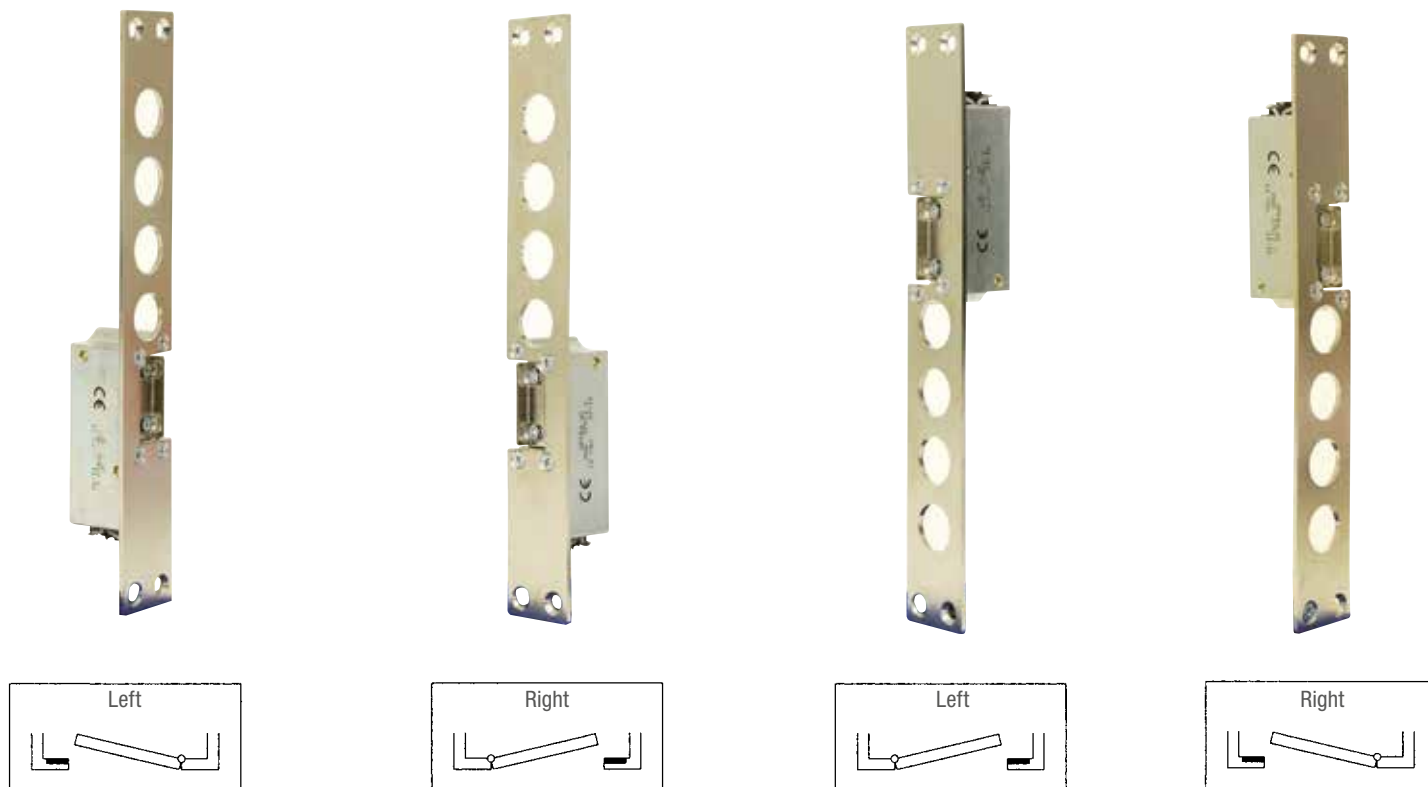
Serie OMNIA con frontali angolari







Serie OMNIA RADIAL








Serie OMNIA BLINDO 700



Art.	Description
	03010 SHORT STRIKING PLATE Asymmetrical for latch locks only In grey painted steel Dimensions (mm): 160 x 25 x 3 – see drawing at page 110 Reversible hand Use: for all electric strikes Omnia Micro series, Omnia 1.000 series
	03010S SHORT STRIKING PLATE Symmetrical for latch locks only In grey painted steel Dimensions (mm): 110 x 25 x 3 - see drawing at page 110 Reversible hand Use: pfor all electric strikes Omnia Micro series, Omnia 1,000 series 3,50 03030 03030GD
	LONG STRIKING PLATE For latch and deadbolt security locks. In grey painted steel Dimensions (mm): 250 x 25 x 3 - see drawing at page 110 Reversible hand
	03030 <u>In grey painted steel</u>
	03030GD <u>In gold painted steel</u>
	03030CRO <u>In glazed chromium plated steel</u>
	Use: for all electric strikes Omnia Micro series, Omnia 1.000 series
	LONG STRIKING PLATE For latch and deadbolt security locks. In gold painted steel Dimensions (mm): 250 x 25 x 2,5 - see drawing at page 110 Right or left hand
	03030.1GDR <u>Right hand</u>
	03030.2GDR <u>Left hand</u>
	Use: for all electric strikes Omnia Radial




STRIKING PLATE FOR ELECTRIC STRIKES









Art.	Description	
	<p>03031 LONG STRIKING PLATE For latch and deadbolt security locks. In stainless steel Dimensions (mm): 250 x 25 x 3 - see drawing at page 110 Reversible hand</p> <p>Use: for all electric strikes Omnia Micro series, Omnia 1.000 series</p>	
	<p>03130 LONG STRIKING PLATE For latch and deadbolt security locks, hole (mm) 102 x 12 for insertion in the swinging deadbolt. In grey painted steel Dimensions (mm): 250 x 25 x 3 - see drawing at page 110 Reversible hand</p> <p>Use: only for Omnia Micro series strikes</p>	
	<p>03131 LONG STRIKING PLATE For latch and deadbolt security locks, hole (mm) 102 x 12 for insertion in the swinging deadbolt. In stainless steel Dimensions (mm): 250 x 25 x 3 - see drawing at page 110 Reversible hand</p> <p>Use: only for Omnia Micro series strikes</p>	
	<p>03132 LONG STRIKING PLATE For latch and deadbolt security locks, tapered hole (mm) 102 x 12 for insertion in the swinging deadbolt. In stainless steel Dimensions (mm): 250 x 25 x 3 - see drawing at page 110 Reversible hand</p> <p>Use: only for Omnia Micro series strikes</p>	
	<p>03162 03162BA SHORT ANGULAR STRIKING PLA Only for latch locks - Squared edges In gold painted steel Dimensions (mm): 172 x 32 x 25 - see drawing at page 110 Reversible hand</p> <p><u>Squared edges</u> <u>Rounds edges</u></p> <p>Use: for all electric strikes Omnia Micro series, Omnia 1.000 series</p>	



Art.	Description
03310	SHORT STRIKING PLATE FOR OMNIA 16 - RADIAL Only for latch locks In grey painted steel Dimensions (mm): 130 x 22 x 3 - see drawing at page 110 Reversible hand Use: for all electric strikes Omnia 16 - Radial series for mortice fixing, mounted on wooden or PVC door profiles
03310R	SHORT STRIKING PLATE FOR OMNIA RADIAL Only for latch locks In nickel plated steel Dimensions (mm): 130 x 22 x 3 - see drawing at page 110 Reversible hand Use: for all electric strikes Omnia Radial series for mortice fixing, mounted on wooden or PVC door profiles
03330	LONG STRIKING PLATE FOR OMNIA 16 - RADIAL For latch and deadbolt security locks In grey painted steel Dimensions (mm): 250 x 22 x 3 - see drawing at page 110 Reversible hand Use: for all electric strikes Omnia 16 - Radial series for mortice fixing, mounted on wooden or PVC door profiles
03331	LONG STRIKING PLATE FOR OMNIA 16 - RADIAL For latch and deadbolt security locks In stainless steel Dimensions (mm): 250 x 22 x 3 - see drawing at page 110 Reversible hand Use: for all electric strikes Omnia 16 - Radial series for mortice fixing, mounted on wooden door/window profiles
03342.1 03342.2	LONG ANGULAR STRIKING PLATE FOR OMNIA 16 - RADIAL For latch and deadbolt security locks In zinc plated steel with short side flank Dimensions (mm): 208 x 36 x 18 - see drawing at page 111 Not reversible – Specify hand <u>Right hand</u> <u>Left hand</u> Use: for all electric strikes Omnia 16 – Radial series for mortice fixing, mounted on wooden door profiles

STRIKING PLATE FOR ELECTRIC STRIKES

Art.	Description	
 03370.1 03370.2 03370R	<p>LONG STRIKING PLATE FOR OMNIA BLINDO 700 For security locks for armoured doors latch and 4 deadbolts backset (mm) 28 In polished nickel plated steel Dimensions (mm): 248 x 35 x 2.5 - see drawing at page 111 Not reversible – Specify hand - see page 93 <u>Right hand</u> <u>Left hand</u> <u>Reversible</u></p> <p>Use: or all electric strikes Omnia Blindo 700 series</p>	
 03371.1 03371.2	<p>LONG STRIKING PLATE FOR OMNIA BLINDO 700 For security locks for armoured doors latch and 4 deadbolts backset (mm) 28 (41.6 mm between latch and deadbolt) In polished nickel plated steel Dimensions (mm): 322 x 35 x 2,5 - see drawing at page 111 Not reversible – Specify hand - see page 93 <u>Right hand</u> <u>Left hand</u></p> <p>Use: for all electric strikes Omnia Blindo 700 series</p>	
 03372	<p>LONG STRIKING PLATE FOR OMNIA MICRO For security locks for armoured doors latch and 2 deadbolts backset (mm) 55,6 In polished nickel plated steel Dimensions (mm): 293 x 32 x 2,5 - see drawing at page 111 Reversible hand</p> <p>Use: for all electric strikes Omnia Micro series</p>	
 03374.1 03374.2 03374R	<p>LONG STRIKING PLATE FOR OMNIA BLINDO 700 For security locks and 3 deadbolts backset (mm) 37 In polished nickel plated steel Dimensions (mm): 248 x 35 x 2.5 - see drawing at page 111 Not reversible – Specify hand - see page 93 <u>Right hand</u> <u>Left hand</u> <u>Reversible</u></p> <p>Use: for all electric strikes Omnia Blindo 700 series</p>	
 03375.1 03375.2	<p>LONG STRIKING PLATE FOR OMNIA BLINDO 700 For security locks and 4 deadbolts backsets (mm) 28 (33.5 mm between latch and deadbolt) In polished nickel plated steel Dimensions (mm): 322 x 35 x 2,5 - see drawing at page 111 Not reversible – Specify hand - see page 93 <u>Right hand</u> <u>Left hand</u></p> <p>Use: for all electric strikes Omnia Blindo 700 series</p>	

Art.	Description	
	03410 SHORT STRIKING PLATE Only for latch locks In hardened anodized aluminium. Dimensions (mm): 160 x 25 x 3 - see drawing at page 110 Reversible hand Use: for all electric strikes Omnia Micro and Omnia 1.000 series for mortice fixing	
	03411 SHORT STRIKING PLATE Only for latch locks In stainless steel Dimensions (mm): 160 x 25 x 3 - see drawing at page 110 Reversible hand Use: for all electric strikes Omnia Micro series, Omnia 1.000	
	03431 LONG STRIKING PLATE For latch and deadbolt locks In stainless steel Dimensions (mm): 280 x 25.5 x 3 - see drawing at page 110 Reversible hand Use: for replacement of security type electric strikes eff-eff series 141, 331 and 341 with Omnia 1,000 series for mortice fixing	
	LONG ANGULAR STRIKING PLATE For latch and deadbolt security locks In gold painted steel Dimensions (mm): 250 x 32 x 25 - see drawing at page 111 Not reversible – Specify hand <u>Right hand - square edges</u> <u>Left hand - square edges</u> 03442.1BA <u>Right hand - round edges</u> 03442.2BA <u>Left hand - round edges</u> Use: for all electric strikes Omnia Micro series, Omnia 1.000	
 	LONG ANGULAR STRIKING PLATE For latch and deadbolt security locks Dimensions (mm): 265 x 30 x 26 - see drawing at page 111 Not reversible – Specify hand <u>Right hand - in satin nickel plated steel</u> <u>Left hand - in satin nickel plated steel</u> 03445.1GD <u>Right hand - in satin brass steel</u> 03445.2GD <u>Left hand - in satin brass steel</u> Use: for all electric strikes Omnia Micro series, Omnia 1.000	
 	LONG ANGULAR STRIKING PLATE For latch and deadbolt security locks Dimensions (mm): 265 x 30 x 26 - see drawing at page 111 Not reversible – Specify hand <u>Right hand - in satin nickel plated steel</u> <u>Left hand - in satin nickel plated steel</u> 03446.1GD <u>Right hand - in gold plated steel</u> 03446.2GD <u>Left hand - in gold plated steel</u> Use: for electric strike 31012DCF and 31412F	

Art.

Description

08710

LATCH LOCK

Body in grey painted steel

Dimensions (mm): 30 x 15 x 15

Striking plate in grey painted steel

Dimensions (mm): 55 x 20 x 3

Latch in nickel plated steel (mm) 12 x 10 mm extension

Reversible hand

Use: for all electric strikes Omnia series for mortice fixing

08711A

LATCH LOCK

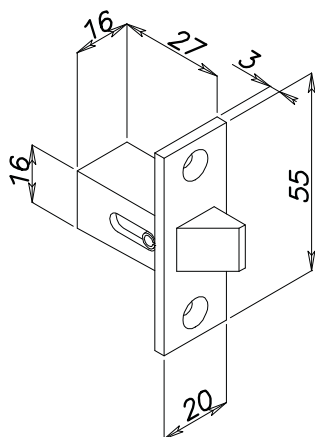
Body in aluminium

Dimensions (mm): 110 x 24 x 3

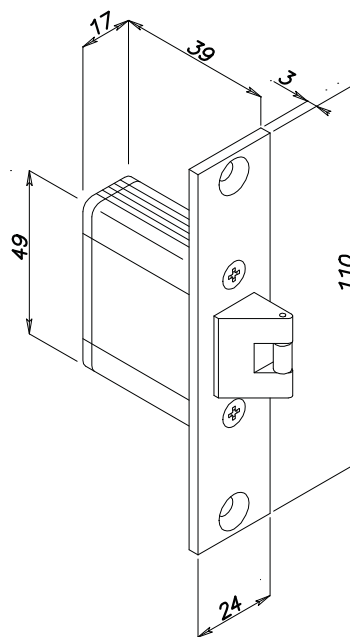
Front plate in stainless steel -

Latch in nickel plated steel height (mm) 22

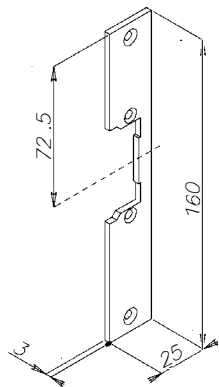
Reversible hand

Use: for all electric strikes Omnia series for mortice fixing

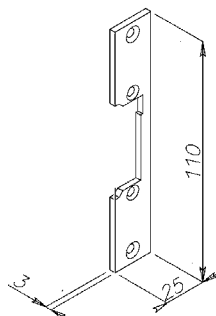
Art. 08710



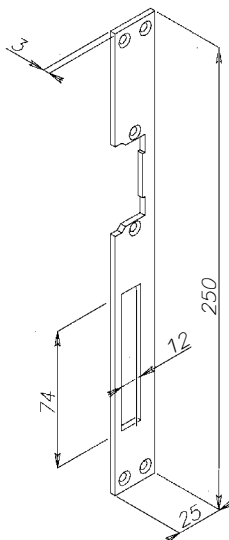
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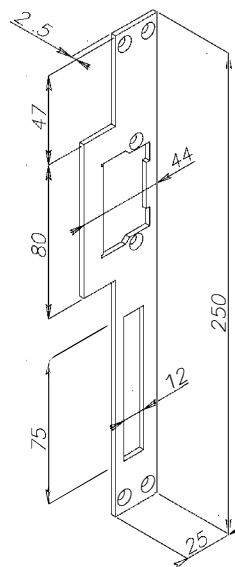
Art. 03010
Art. 03410
Art. 03411



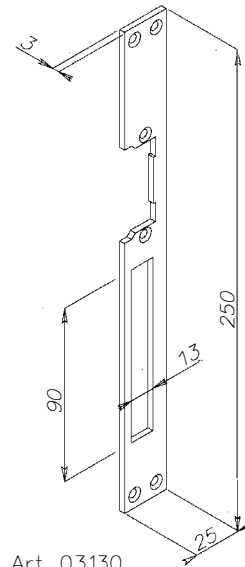
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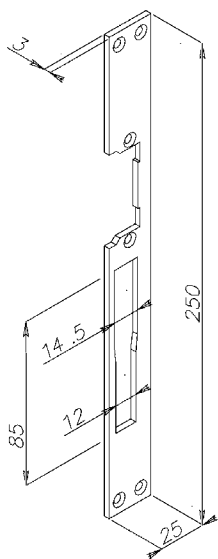
Art. 03030
Art. 03030 GD
Art. 03031



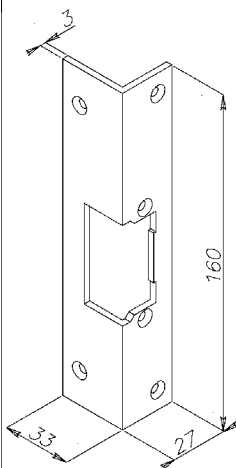
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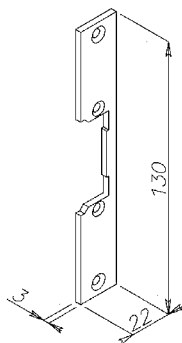
Art. 03130
Art. 03131



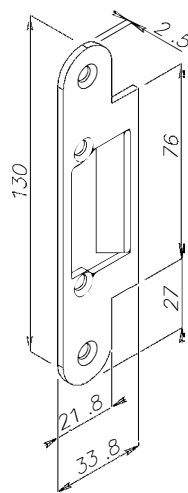
Art. 03132



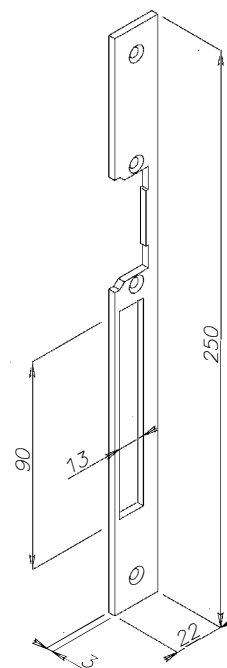
Art. 03162



Art. 03310



Art. 03310R



Art. 03330 - 03331

DIMENSIONS OF STRIKING PLATES FOR ELECTRIC STRIKES

<p>Art. 03342</p>	<p>Art. 03370</p>	<p>Art. 03371</p>	<p>Art. 03372</p>	<p>Art. 03374</p>
<p>Art. 03375</p>	<p>Art. 03431</p>	<p>Art. 03442</p>	<p>Art. 03445</p>	<p>Art. 03446</p>

NEW

Art.

Description

23500

ELECTRIC LOCK OMNIA GEMINA SERIES

Mechanical opening with European cylinder or handle.

Front and strike plate in stainless steel.

Bolt with mechanical lock in the closed position (excluding 20 mm backset version).

Device on the front to lock the bolt in the closed position.

Bolt dimensions: 30 mm x 2 mm x extension 14 mm.

Power supply: 12 Vac.

Current absorbed: 1,200 mA.

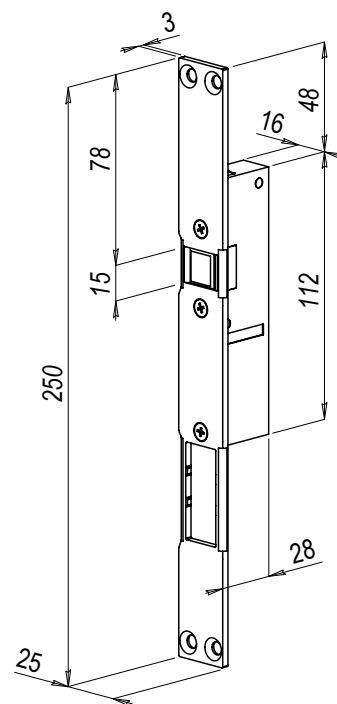
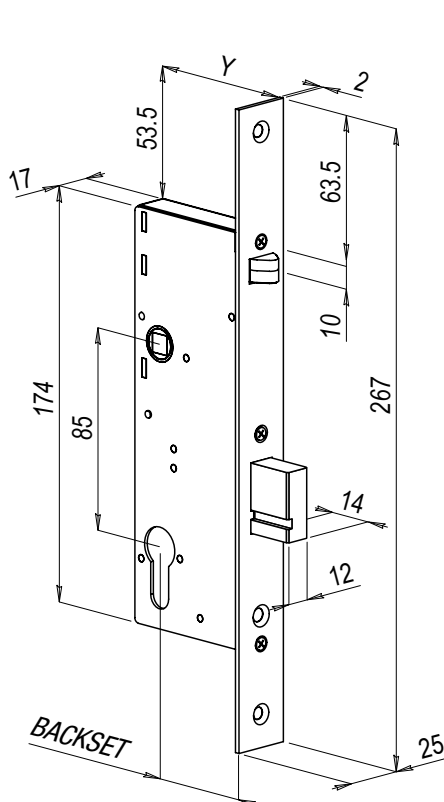
Version: Fail secure (opening with power supply).

Available backsets: mm 20 - 25 - 30 - 35 - 40 - 50 - 60

Use: Electric lock ideal for operation on hinged doors. The item consists of an electrical part to be fixed on the fixed frame of the door and a mechanical part to be installed on the door leaf. The door automatically closes when the door leaf is brought close, thanks to the pressure of the specific mechanical alignment device that manages the release of the latch. By providing the electrical impulse, the preload of the latch is released, allowing the unlocking of the latch during opening. The same opening can also be achieved mechanically using a key and handle.

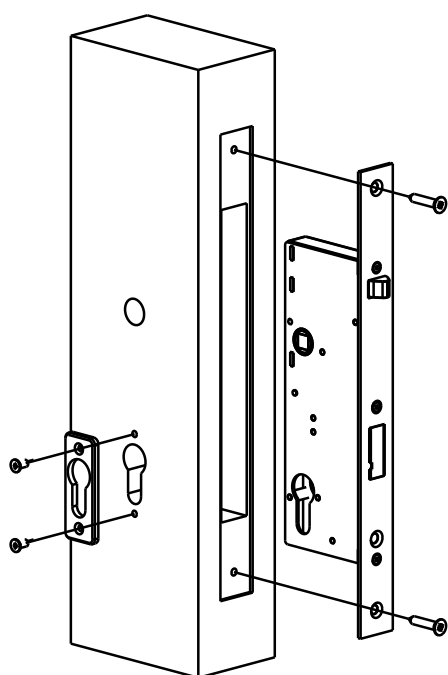


BACKSET	Y
20	34
25	39
30	44
35	49
40	54
50	64
60	74

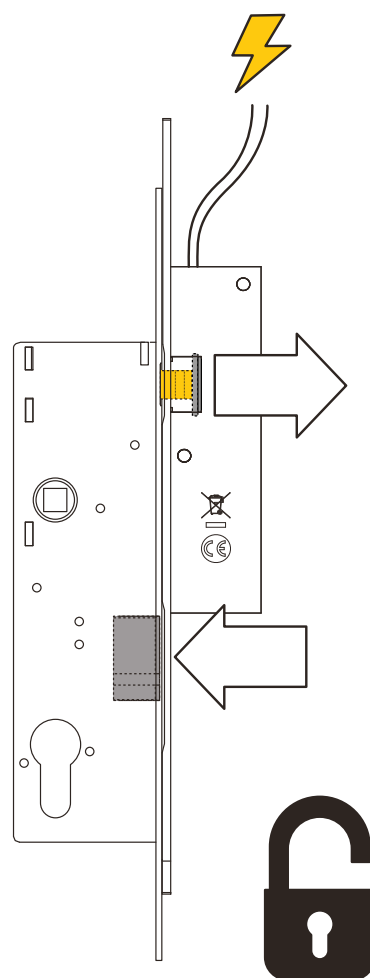
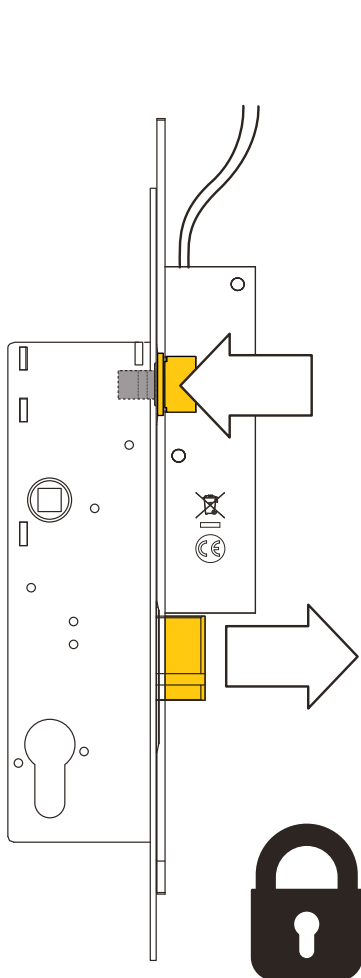
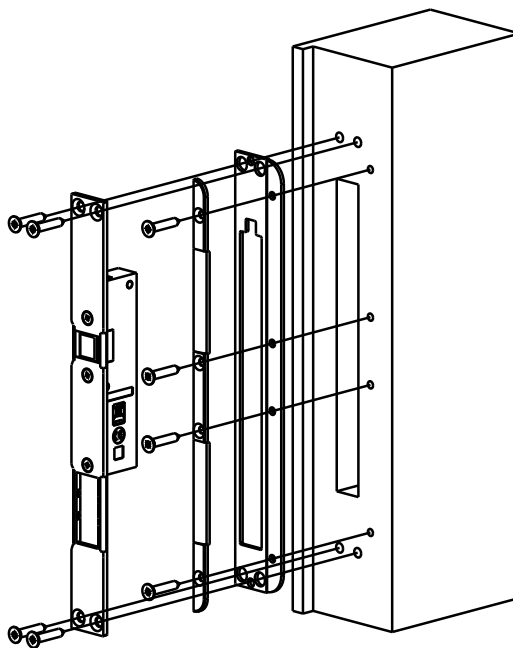


ELECTRIC LOCK FOR SWING DOOR

DOOR



FRAME

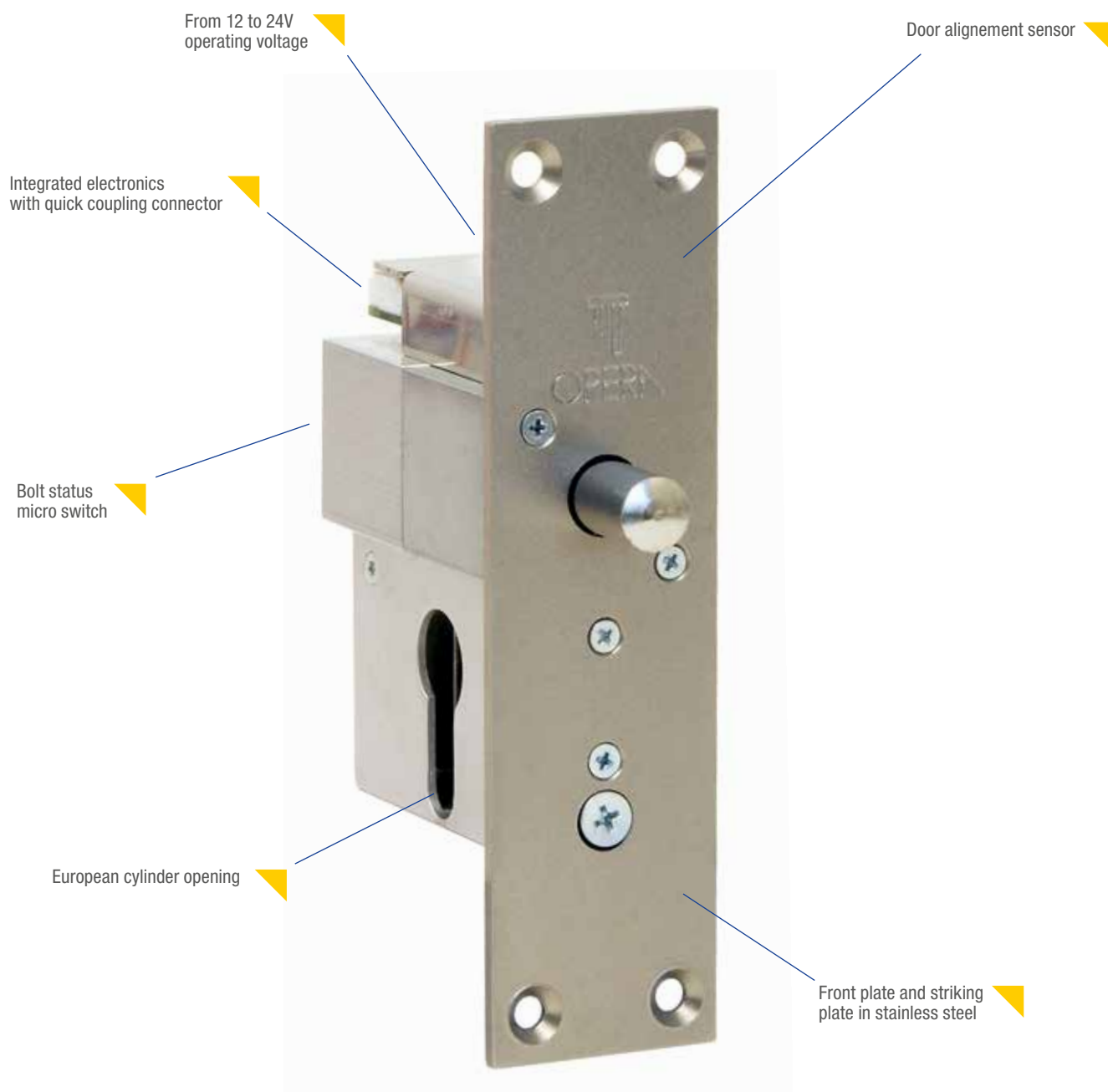




QUADRA

- ▶ HORIZONTAL SECURITY SOLENOID LOCKS
- ▶ APPLICATION ON DOORS AND ROLLING SHUTTERS
- ▶ MICRO VERSION FOR CABINETS AND WINDOWS APPLICATION
- ▶ MANUAL ACTIVATION WITH EUROPEAN CYLINDER
- ▶ EASY INSTALLATION





PLUS

- ▶ Reduced size Quadra Micro version for cabinets and doors closing
- ▶ Quadra version for doors and rolling shutters closing
- ▶ Easy operating system by direct current power supply
- ▶ Fail safe or fail secure versions
- ▶ Integrated electronics versions



DOOR WITH ELECTRONIC LOCK AND INTEGRATED ELECTRONICS

INTERNAL OPENING



EXTERNAL OPENING



CONTROLLED OPENING



PLUS EXAMPLE

- Mortice closing system for metal or aluminium door frames
- Rim versions as supplementary closing system
- Ideal as closing system for cabinets managed by access control units
- To be matched to access control systems



Art.

Description



20610-12

20611-12

20610-24

20611-24

MICRO SOLENOID LOCK - FAIL SAFE

Open without power

Striking plate in stainless steel (mm) 80 x 25 x 3

Armature plate in stainless steel (mm) 80 x 25 x 3

with magnet adjustable in extension (only Art. 20610)

Deadbolt diameter (mm) 8, extension 8

Operating voltage: 12 Vdc/400mA or 24Vdc/200mA - ED 100%

Mode of operation: horizontal (vertical on request see page 129)

Deadbolt position micro-switch C./N.O./N.C

12V - with N.O magnetic sensor*12V - without magnetic sensor24V - with N.O. magnetic sensor*24V - without magnetic sensor

* For connection to central control unit 54610A

20612

**MICRO SOLENOID LOCK WITH INTERNAL ELECTRONIC**

Fail safe

Front plate and striking plate in stainless steel mm 80 x 25 x 4

Striking plate with adjustable magnet for door status position

Bolt dimensions: diameter 8mm, extension 8

Operating voltage: 12Vdc - 400 mA peak, 270 mA for maintenance

24Vdc - 300 mA peak, 150 mA for maintenance

Internal microprocessor control electronic

Rapid plug-in connector

Bolt position free voltage contact C. / N.O. / N.C.

Push buttons for monitoring and adjustment of reclosing times from 0-5 sec. to approach of door and from 0-60 sec. if the door is not opened

Mode of operation: horizontal (vertical on request see page 129)



20613-12

20613-24

MICRO SOLENOID LOCK - FAIL SAFE

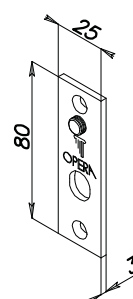
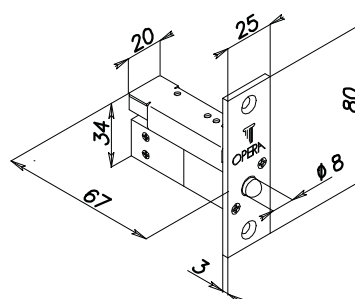
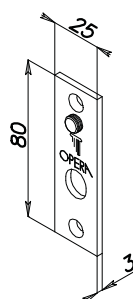
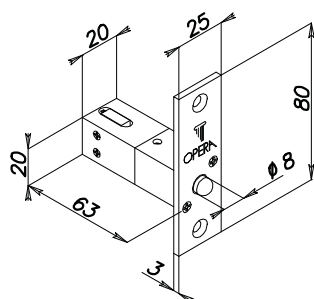
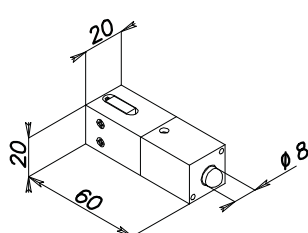
Open without power

Deadbolt diameter (mm) 8, extension 11 mm (8 mm. stroke)

Operating voltage: 12 Vdc/400mA or 24Vdc/200mA - ED 100%

Mode of operation: horizontal (vertical on request see page 129)

Deadbolt position micro-switch C./N.O./N.C



Note: The Quadra Micro series solenoid lock, due to the high operating temperatures, are not suitable for mounting on wood or PVC doors

HORIZONTAL SECURITY SOLENOID LOCKS QUADRA MICRO SERIES

Art.
Description


MICRO SOLENOID LOCK - FAIL SECURE

Closed without power
 Striking plate in stainless steel (mm) 80 x 25 x 3
 Armature plate in stainless steel (mm) 80 x 25 x 3
 with magnet adjustable in extension (only Art. 20810)
 Deadbolt diameter (mm) 8, extension 8
 Operating voltage: 12 Vdc/400mA or 24Vdc/200mA - ED 100%
 Mode of operation: horizontal (vertical on request see page 129)
 Deadbolt position micro-switch C./N.O./N.C

20810-12
12V - With N.O. magnetic door position sensor*
20811-12
12V - Without magnetic sensor
20810-24
24V - With N.O. magnetic door position sensor*
20811-24
24V - Without magnetic sensor

* For connection to central control unit 54610A

20812

MICRO SOLENOID LOCK WITH INTERNAL ELECTRONIC

Fail secure
 Front plate and striking plate in stainless steel mm 80 x 25 x 3
 Striking plate with adjustable magnet for door status position
 Bolt dimensions: diameter 8 mm, extension 8
 Operating voltage: 12Vdc - 400 mA peak, 270 mA for maintenance
 24Vdc - 300 mA peak, 150 mA for maintenance
 Internal microprocessor control electronic
 Rapid plug-in connector
 Bolt position free voltage contact C. / N.O. / N.C.

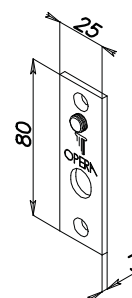
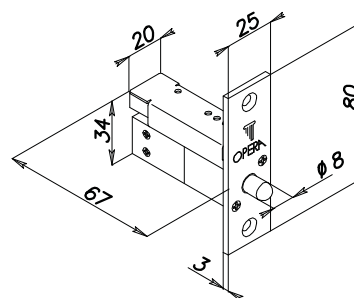
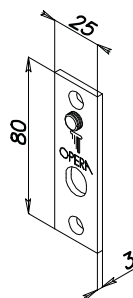
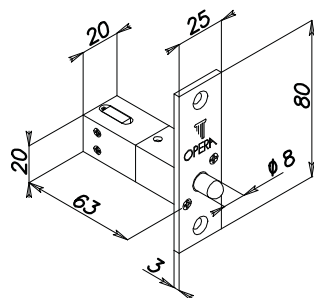
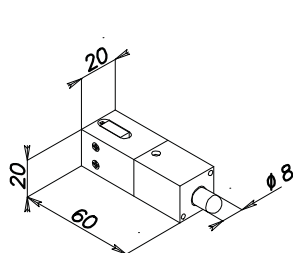
Push buttons for monitoring and adjustment of reclosing times from 0-5 sec. to approach of door and from 0-60 sec. if the door is not opened

Mode of operation: horizontal (vertical on request see page 129)



MICRO SOLENOID LOCK - FAIL SECURE

Closed without power
 Deadbolt diameter (mm) 8, extension 11 (8 mm. stroke)
 Operating voltage: 12 Vdc/400mA or 24Vdc/200mA - ED 100%
 Mode of operation: horizontal (vertical on request see page 129)
 Deadbolt position micro-switch C./N.O./N.C

20813-12
12 V
20813-24
24 V


Art.

Description



20910-12

20911-12

20910-24

20911-24

MICRO SOLENOID LOCK WITH LATCH

Closed without power

Striking plate in stainless steel (mm) 80 x 25 x 3

Armature plate in stainless steel (mm) 80 x 25 x 3 with magnet adjustable in extension (only Art. 20910)

Latch diameter (mm) 8, extension 8

Operating voltage: 12 Vdc/400mA or 24Vdc/200mA - ED 100%

Mode of operation: horizontal (vertical on request see page 129)

Deadbolt position micro-switch C./N.O./N.C

12V - With N.O. magnetic door position sensor12V - Without magnetic sensor24V - With N.O. magnetic door position sensor24V - Without magnetic sensor

20913-12

20913-24

MICRO SOLENOID LOCK WITH LATCH

Closed without power

Latch diameter (mm) 8, extension 12 (8 mm. stroke)

Operating voltage: 12 Vdc/400mA or 24Vdc/200mA - ED 100%

Mode of operation: horizontal (vertical on request see page 129)

Deadbolt position micro-switch C./N.O./N.C

12 V24 V

20910A-12

20911A-12

20910A-24

20911A-24

MICRO SOLENOID LOCK WITH LATCH - FAIL SAFE

Open without power

Striking plate in stainless steel (mm) 80 x 25 x 3

Armature plate in stainless steel (mm) 80 x 25 x 3

with magnet adjustable in extension (only Art. 20910A)

Latch diameter (mm) 8, extension 8

Operating voltage: 12 Vdc/400mA or 24Vdc/200mA - ED 100%

Mode of operation: horizontal (vertical on request see page 129)

Deadbolt position micro-switch C./N.O./N.C

12V - With N.O. magnetic door position sensor12V - Without magnetic sensor24V - With N.O. magnetic door position sensor24V - With magnetic sensor

20913A-12

20913A-24

MICRO SOLENOID LOCK WITH LATCH - FAIL SAFE

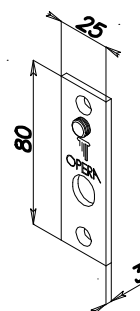
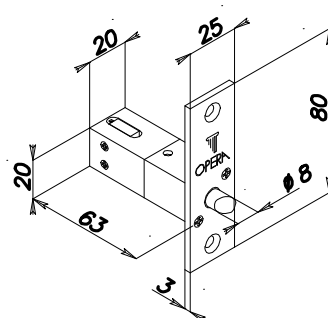
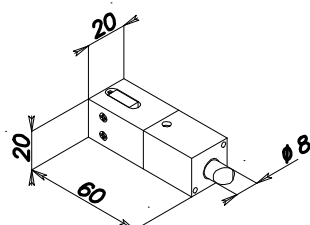
Open without power

Latch diameter (mm) 8, extension 12 (8 mm. stroke)

Operating voltage: 12 Vdc/400mA or 24Vdc/200mA - ED 100%

Mode of operation: horizontal (vertical on request see page 129)

Deadbolt position micro-switch C./N.O./N.C

12 V24 V

Note: The Quadra Micro series solenoid lock, due to the high operating temperatures, are not suitable for mounting on wood or PVC doors

HORIZONTAL SECURITY SOLENOID LOCKS QUADRA MICRO SERIES

Art.

Description



20610XS-12

20611XS-12

20610XS-24

20611XS-24

MICRO SOLENOID LOCK - FAIL SAFE

Open without power

Striking plate in stainless steel (mm) 80 x 25 x 3

Armature plate in stainless steel (mm) 80 x 25 x 3

with magnet adjustable in extension (only Art. 20610XS)

Deadbolt diameter (mm) 8, extension 8

Operating voltage: 12 Vdc/400mA or 24Vdc/200mA - ED 100%

Mode of operation: horizontal (vertical on request see page 129)

12V - With N.O. magnetic door position sensor

12V - Without magnetic sensor

24V - With N.O. magnetic door position sensor

24V - Without magnetic sensor



20613XS-12

20613XS-24

MICRO SOLENOID LOCK - FAIL SAFE

Open without power

Deadbolt diameter (mm) 8, extension 11 (8 mm. stroke)

Operating voltage: 12 Vdc/400mA or 24Vdc/200mA - ED 100%

Mode of operation: horizontal (vertical on request see page 129)

12 V

24 V

Art. + AM

On request: mechanical release with knob (see page 113)



20810XS-12

20811XS-12

20810XS-24

20811XS-24

MICRO SOLENOID LOCK - FAIL SECURE

Closed without power

Striking plate in stainless steel (mm) 80 x 25 x 3

Armature plate in stainless steel (mm) 80 x 25 x 3

with magnet adjustable in extension (only Art. 20810XS)

Deadbolt diameter (mm) 8, extension 8

Operating voltage: 12 Vdc/400mA or 24Vdc/200mA - ED 100%

Mode of operation: horizontal (vertical on request see page 129)

12V - With N.O. magnetic door position sensor

12V - Without magnetic sensor

24V - With N.O. magnetic door position sensor

24V - Without magnetic sensor



20813XS-12

20813XS-24

MICRO SOLENOID LOCK - FAIL SECUREE

Closed without power

Deadbolt diameter (mm) 8, extension 11 (8 mm. stroke)

Operating voltage: 12 Vdc/400mA or 24Vdc/200mA - ED 100%

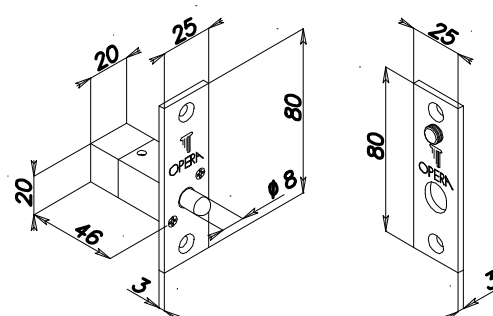
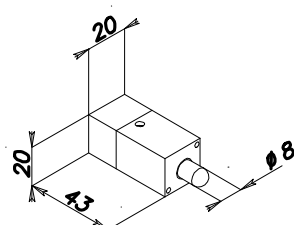
Mode of operation: horizontal (vertical on request see page 129)

12 V

24 V

Art. + AM

On request: mechanical release with knob (see page 113))



Art.

Description

**MICRO SOLENOID LOCK WITH LATCH - FAIL SECURE**

Closed without power

Striking plate in stainless steel (mm) 80 x 25 x 3

Armature plate in stainless steel (mm) 80 x 25 x 3

with magnet adjustable in extension (only Art. 20910XS)

Latch diameter (mm) 8, extension 8

Operating voltage: 12 Vdc/400mA or 24Vdc/200mA - ED 100%

Mode of operation: horizontal (vertical on request see page 129)

20910XS-12

12V - With N.O. magnetic door position sensor

20911XS-12

12V - Without magnetic sensor

20910XS-24

24V - With N.O. magnetic door position sensor

20911XS-24

24V - Without magnetic sensor

**MICRO SOLENOID LOCK WITH LATCH - FAIL SECURE**

Closed without power

Latch diameter (mm) 8, extension 11 (8 mm. stroke)

Operating voltage: 12 Vdc/400mA or 24Vdc/200mA - ED 100%

Mode of operation: horizontal (vertical on request see page 129)

20913XS-12

12 V

20913XS-24

24 V

Art. + AM

On request: mechanical release with knob (see page 113)

**MICRO SOLENOID LOCK WITH LATCH - FAIL SAFE**

Open without power

Striking plate in stainless steel (mm) 80 x 25 x 3

Armature plate in stainless steel (mm) 80 x 25 x 3

with magnet adjustable in extension (only Art. 20910XSA)

Latch diameter (mm) 8, extension 8

Operating voltage: 12 Vdc/400mA or 24Vdc/200mA - ED 100%

Mode of operation: horizontal (vertical on request see page 129)

20910XSA-12

12V - With N.O. magnetic door position sensor

20911XSA-12

12V - Without magnetic sensor

20910XSA-24

24V - With N.O. magnetic door position sensor

20911XSA-24

24V - Without magnetic sensor

**MICRO SOLENOID LOCK WITH LATCH - FAIL SAFE**

Open without power

Latch diameter (mm) 8, extension 11 mm (8 mm. stroke)

Operating voltage: 12 Vdc/400mA or 24Vdc/200mA - ED 100%

Mode of operation: horizontal (vertical on request see page 129)

20913XSA-12

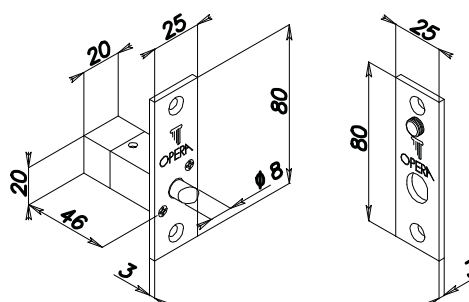
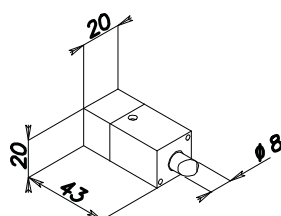
12 V

20913XSA-24

24 V

Art. + AM

On request: mechanical release with knob (see page 125)





Art.

Description



21810
21811

SECURITY SOLENOID LOCK - FAIL SECURE

Closed without power
Striking plate in stainless steel mm 100 x 40 x 3
Armature plate in stainless steel mm 100 x 40 x 3
with magnet adjustable in extension (only Art. 21810)
Deadbolt diameter (mm) 12, extension 18
Operating voltage: 12 Vdc/900mA or 24Vdc/450mA - ED 100%
Mode of operation: horizontal (vertical on request see page 129)
Deadbolt position micro-switch C./N.O./N.C

With N.O. magnetic door position sensor *

Without magnetic sensor

* For connection to central control unit 54610

21812

SECURITY SOLENOID LOCK WITH INTERNAL ELECTRONIC - FAIL SECURE

Front plate and striking plate in stainless steel mm 100 x 40 x 3
Striking plate mm 100 x 40 x 3 with adjustable magnet for door status position
Bolt dimensions: diameter 12 mm, extension 18 mm
Operating voltage: 12Vdc - 800 mA peak, 450 mA for maintenance
24Vdc - 500 mA peak, 250 mA for maintenance
Internal microprocessor control electronic
Rapid plug-in connector
Bolt position free voltage contact C. / N.O. / N.C.

Push buttons for monitoring and adjustment of reclosing times from 0-5 sec. To approach of door and from 0-60 sec. If the door is not opened.

Mode of operation: horizontal (vertical on request see page 129)

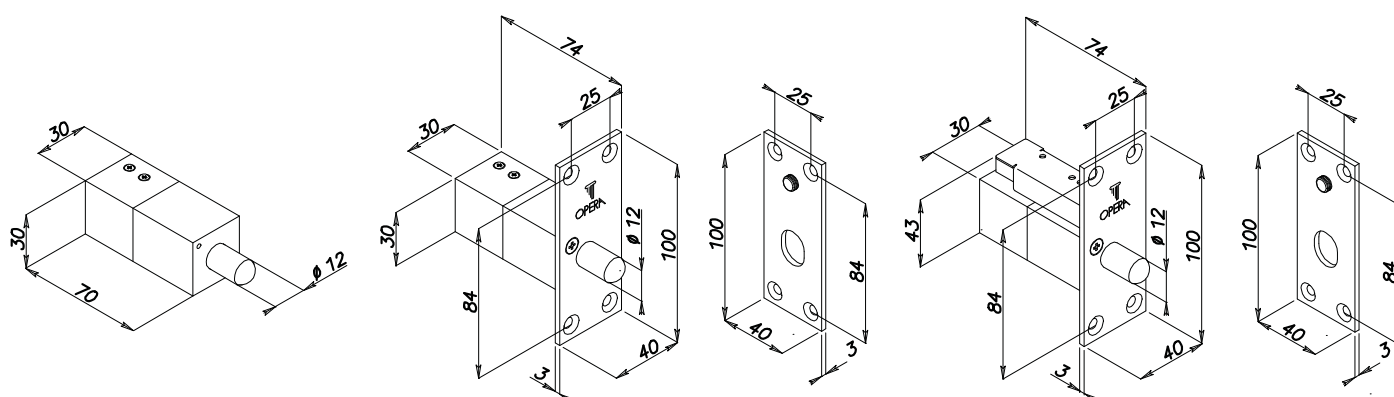
21813

SECURITY SOLENOID LOCK - FAIL SECURE

Closed without power
Deadbolt diameter (mm) 12, extension 21 (18 mm. stroke)
Operating voltage: 12 Vdc/900mA or 24Vdc/450mA - ED 100%
Mode of operation: horizontal (vertical on request see page 129)
Deadbolt position micro-switch C./N.O./N.C

Art. + AM

On request: mechanical release with knob (see page 125)



Note: The Quadra Micro series solenoid lock, due to the high operating temperatures, are not suitable for mounting on wood or PVC doors

HORIZONTAL SECURITY SOLENOID LOCKS QUADRA MICRO SERIES



Art.

Description

SECURITY SOLENOID LOCK WITH LATCH - FAIL SECURE

Closed without power

Striking plate in stainless steel (mm) 100 x 40 x 3

Armature plate in stainless steel (mm) 100 x 40 x 3

with magnet adjustable in extension (only Art. 21910)

Lock body dimensions (mm): 70 x 30 x 30 See drawing at page 112

Latch diameter (mm) 12, extension 14 mm.

Operating voltage: 12 Vdc/900mA or 24Vdc/450mA - ED 100%

Mode of operation: horizontal (vertical on request see page 129)

Monitored latch position micro-switch C./N.O./N.C

21910With N.O. magnetic door position sensor**21911**Without magnetic sensor**21913****SECURITY SOLENOID LOCK WITH LATCH - FAIL SECURE**

Closed without power

Lock body dimensions (mm) 70 x 30 x 30: See drawing at page 112

Latch diameter (mm) 12, extension 17 mm (14 mm. stroke)

Operating voltage: 12 Vdc/900mA or 24Vdc/450mA - ED 100%

Mode of operation: horizontal (vertical on request see page 129)

Monitored latch position micro-switch C./N.O./N.C

Art. + AM**On request:** mechanical release with knob (see below)

MECHANICAL RELEASE WITH KNOB



1



2



3



4



Art.

Description

SECURITY SOLENOID LOCK - FAIL SAFE

Open without power
Operating voltage: 12 Vdc/900mA
or 24Vdc/450mA - ED 100%
Deadbolt diameter (mm) 12, extension 18 mm.
Ready for European profile cylinder for key opening
Mode of operation: horizontal (vertical on request see page 129)
Deadbolt position micro-switch C./N.O./N.C

21614

With N.O. magnetic door position sensor *

21615

Without magnetic sensor

Art. + S

With cylinder with needle key

* For connection to central control unit 54610

21616

SOLENOID LOCK WITH INTERNAL ELECTRONIC - FAIL SAFE

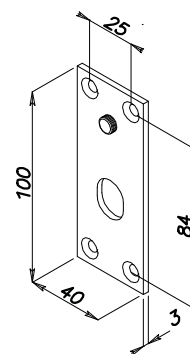
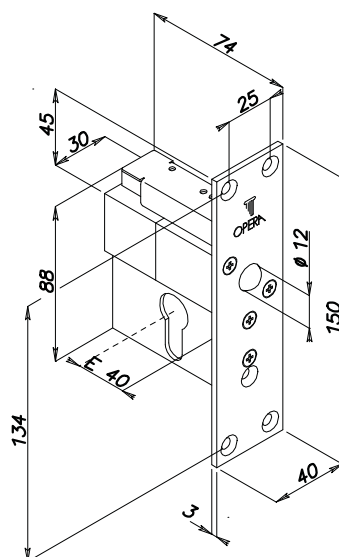
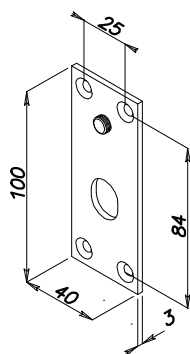
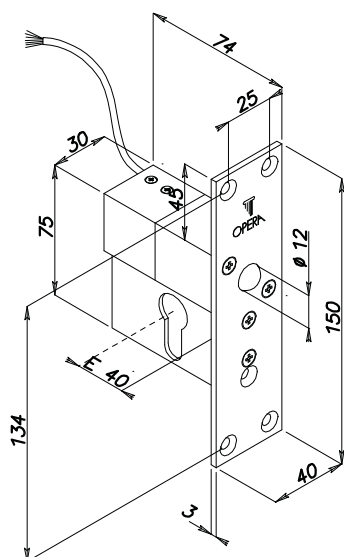
Front plate and striking plate in stainless steel
Striking plate with adjustable magnet for door status position
Bolt dimensions: diameter 12 mm, extension 18
Operating voltage: 12Vdc - 800 mA peak, 550 mA for maintenance
24Vdc - 500 mA peak, 350 mA for maintenance
Internal microprocessor control electronic
Rapid plug-in connector
Bolt position free voltage contact C. / N.O. / N.C.
Ready for European profile cylinder for key opening

Push buttons for monitoring and adjustment of reclosing times from 0-5 sec. to approach of door and from 0-60 sec. If the door is not opened

Mode of operation: horizontal (vertical on request see page 129)

Art. + S

With cylinder with needle key



Note: The Quadra Micro series solenoid lock, due to the high operating temperatures, are not suitable for mounting on wood or PVC doors

Art.

Description



02060
02160

BRACKET FOR SIDE MOUNTING OF THE HORIZONTAL SOLENOID LOCK

Pair of brackets for solenoid lock and Armature plate in black painted steel
Dimensions of bracket for solenoid lock and Armature plate:

Quadra Micro series (mm) 32 x 24 x 22

Quadra series (mm) 32 x 32 x 30

Quadra Micro series

Quadra series

Use: carter for surface mounting of the horizontal security solenoid lock
Quadra and Quadra Micro series



02065
02165

CARTER FOR HORIZONTAL SOLENOID LOCK

Solenoid lock and Armature plate carter body in black painted steel

Carter for solenoid lock dimensions:

Quadra Micro series (mm) 74 x 26 x 26

Quadra series (mm) 93 x 35 x 35

Armature plate dimensions:

Quadra Micro series (mm) 25 x 25 x 26

Quadra series (mm) 30 x 30 x 32

Quadra Micro series (already inclusive of Art. 02060)

Quadra series (already inclusive of Art. 02160)

Use: carter for surface mounting of the horizontal security solenoid lock
Quadra and Quadra Micro series

Packaging: solenoid lock carter, Armature plate carter, side mounting bracket and screws



02114
02114S

STRIKING PLATE WITH KEY OPENING MECHANISM

Striking plate in stainless steel

Striking plate dimensions (mm): 150 x 40 x 3

Body in anodized aluminium

Dimensions of the body (mm): 70 x 45 x 20

Cylinder backset (mm): 40

For standard European profile cylinder

With needle cylinder

Use: accessory for use with horizontal security solenoid lock series 216, 218, 219.



02208
02208R

STRIKING PLATE FOR SOLENOID BOLT QUADRA MICRO SERIES

Striking plate in stainless steel mm 80 x 25 x 3

Without magnet

With adjustable magnet



02218
02218R

STRIKING PLATE FOR SOLENOID BOLT QUADRA SERIES

Striking plate in stainless steel mm 100 x 40 x 3

Without magnet

With adjustable magnet

Art.

Description

05216

PWM CIRCUIT

Circuit dimensions: 70 x 20 mm

Input power supply: 12 - 18 Vdc (polarized)

Output: relay Com. / N.O. / N.C. for bolt status

Use: Circuit for the management of the maintenance of the coils of the Quadra and Quadra Micro solenoid bolts series, preventing overheating when kept powered for long periods.

Quadra Micro power supply:

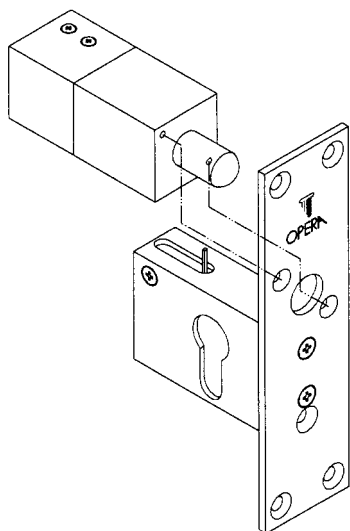
800mA peak and 180mA maintenance at 12Vdc

Quadra power supply:

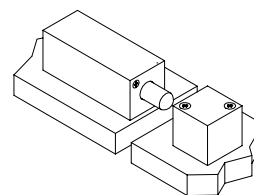
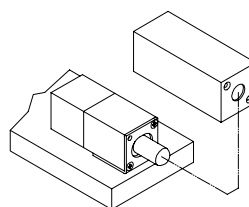
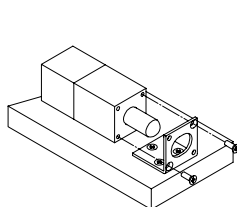
900mA peak and 250mA maintenance at 12Vdc

Note: For all Quadra and Quadra Micro electro-bolts series powered at 12Vdc.

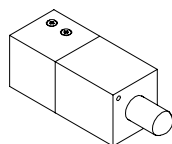
BRACKETS AND COVER APPLICATION EXAMPLES



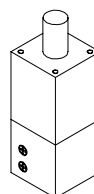
Assembling of key opening mechanism



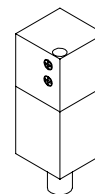
APPLICATIONS SAMPLES WITH MODE OF INSTALLATION



Standard

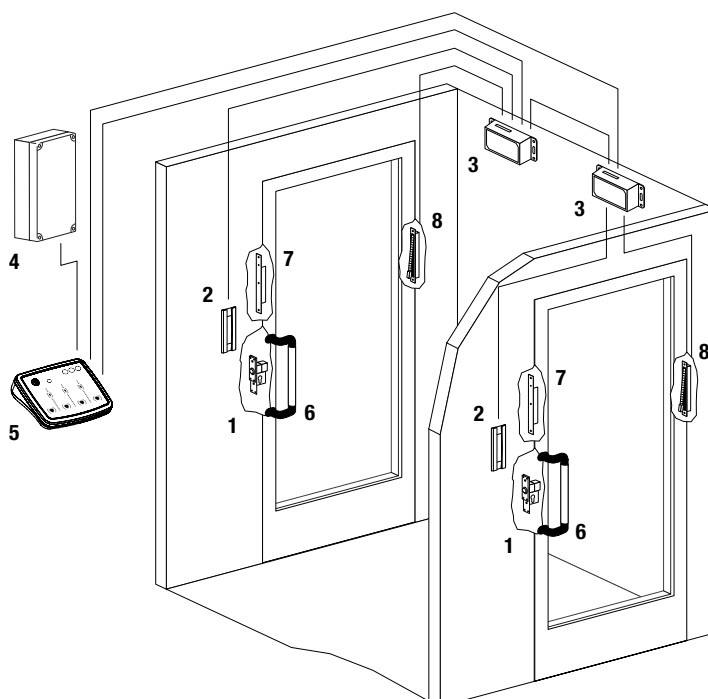


Vertical upwards



Vertical downwards

INTERLOCKED SYSTEM WITH QUADRA LOCKS



LEGENDA

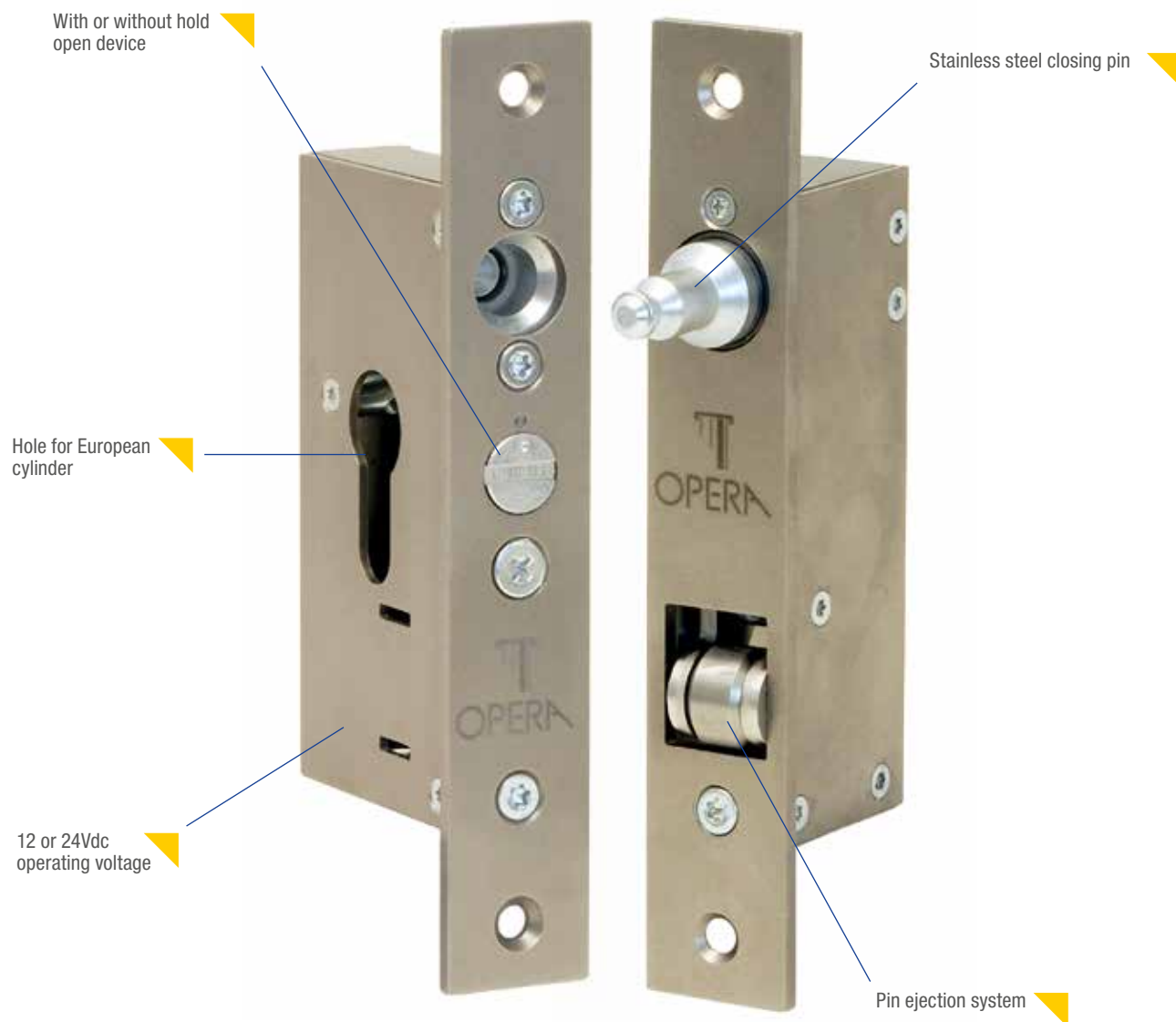
- 1 Solenoid locks
- 2 Indicator lamps
- 3 Control unit
- 4 Power supply
- 5 Desktop console
- 6 Sensitive bars
- 7 Sensitive cards
- 8 Lead covers



ARCA

- ▶ SECURITY SOLENOID LOCKS
- ▶ KEY VERSION FOR SAFE-DEPOSIT BOXES AND STRONG-BOXES
- ▶ SLIDE VERSION FOR AUTOMATIC SLIDING DOORS
- ▶ ENTIRELY IN STAINLESS STEEL FOR EXPOSURE TO WEATHER CONDITIONS
- ▶ MANUAL ACTIVATION WITH EUROPEAN CYLINDER





PLUS

- ▶ Innovative electric lock for sliding doors
- ▶ High resistance to breaking and entering, over 800 kg
- ▶ Locked without power supply
- ▶ Mechanical opening by European cylinder
- ▶ Internal micro switch for door status signalling
- ▶ Striking plate with retractable pin when the door is open

INTERNAL OPENING

EXTERNAL OPENING



PLUS EXAMPLE

- 1 For 1 or 2 shutters sliding doors
- 2 No need of management electronics
- 3 Mechanical closure at shutters approach
- 4 For motorized sliding doors or sliding gates
- 5 To be matched with intercom and access control system

WATCH THE VIDEO



Art.	Description
------	-------------

22800M

ELECTRIC LOCK FOR CABINET - FAIL SECURE

Housing in black ABS

Fail locked - motor operated

Plt includes lock and door status monitoring outputs

Operating voltage: 12-28 Vac/dc - Absorbed current: 165mA

Holding force: 100Kg

Can be fitted to drawers, filing cabinets, drug cabinets, gym lockers

Compatible with existing keypads or readers

Can be integrated with access control system

Operating temperature range: -10°C +45°C

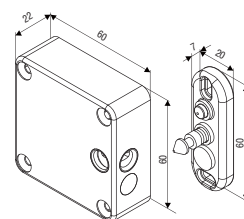
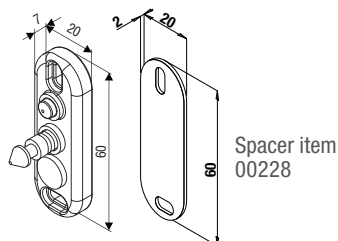
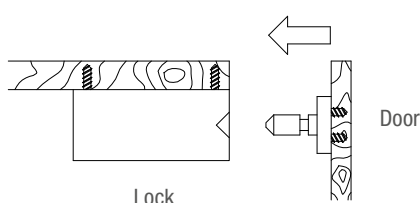
Adjustable re-locking time from 2 to 5 sec

Spacer - 1mm thickness in stainless steel for counterplate



00228

00228



22800MBR

BATTERY OPERATED ELECTRIC LOCK

Body in black ABS

Fail secure

Steel nickel plated bolt

Double socket lock for lockers and drawers

Holding force: Kg. 170

Power supply: 4 x AAA Alkaline batteries

Low battery alarm and 10% low battery automatically unlock

Cable for emergency power supply

Opening by Mifare / IC Card / 13,56MHz - max 13 cards
recordable Motorised lock**TRASPONDER CARDS**

RFID CARD Mifare 13,56 MHz

Dimensions mm. 86 x 54 x 0,8

White

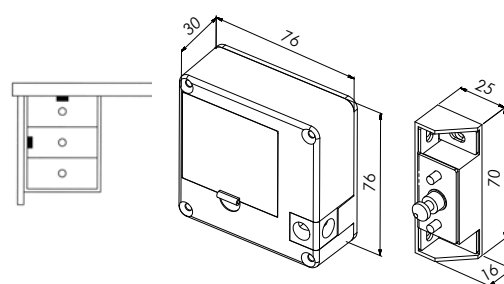
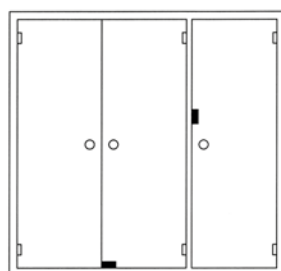
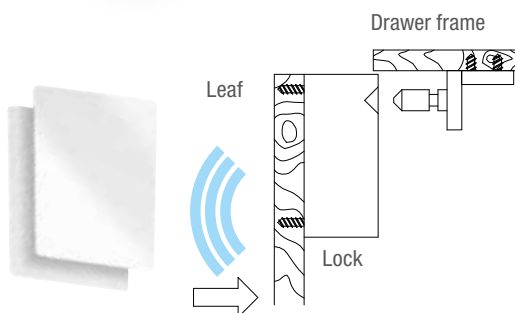
55516

55516SLA

55516SLB

Custom silk screen on main side

Custom silk screen on both side



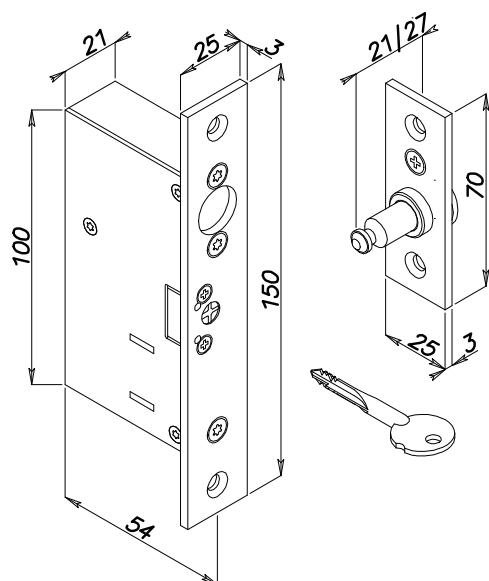
ELECTRIC LOCKS FOR ARMORED CABINETS SERIES ARCA KEY

Common characteristics: Stainless steel body. Nicked tempered steel block pin on stainless steel counterplate. Strength of resistance to breaking and entering: 800 kg. Insertion of the front panel block pin.

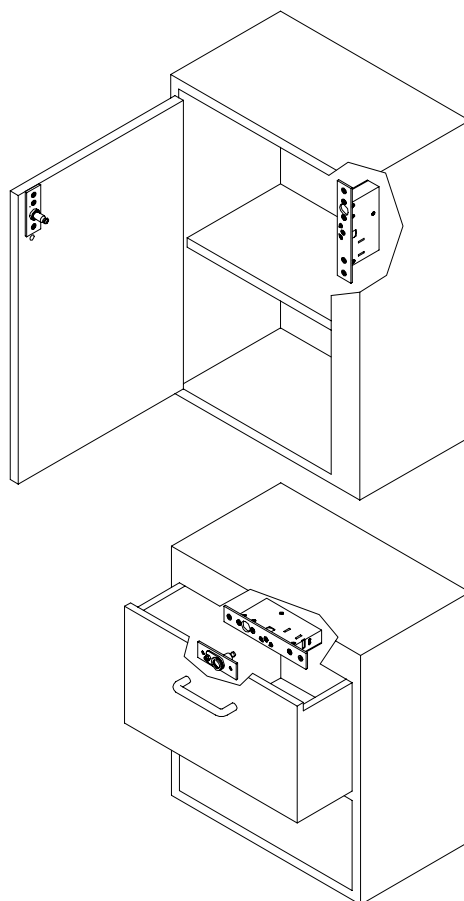
Use: safety closure, can be electrically controlled for the closing of cabinet doors and safety lockers.



Art.	Description
	SECURITY ELECTRIC LOCK Locked without power supply Stainless steel front plate Stainless steel counterplate, extension can be adjusted from 21 to 27 mm Pin diameter 9.5 mm. extension 25 mm Power supply: 12 or 24 Vdc Current absorbed: 1,000 mA at 12 V/500 mA at 24 V Opening: limited to the duration of the impulse with current limiter C. / N.A. / N.C. microswitch of inserted pin position
22912	Power supply: 12 Vdc
22924	Power supply: 24 Vdc
22912CS	Power supply: 12 Vdc - with pin cylinder for opening with key
22924CS	Power supply: 24 Vdc - with pin cylinder for opening with key



APPLICATIONS EXAMPLES

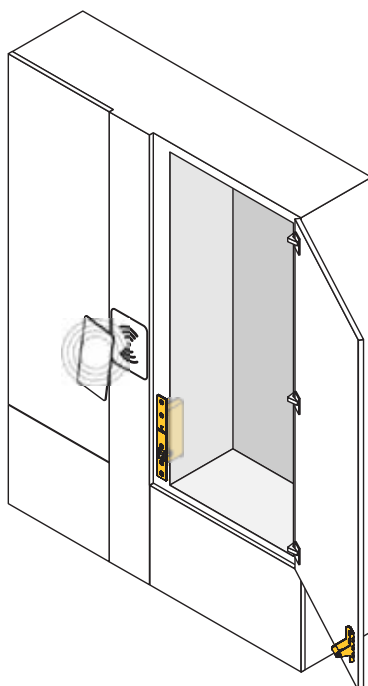


NEW



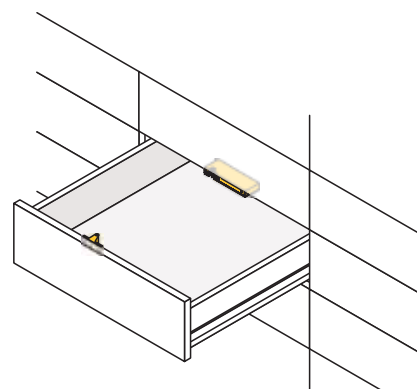
Art.	Description	
	ROTARY ELECTRIC LOCK	
	LOCK body and striking plate in stainless steel internal electronic circuit with microcontroller Electronic opening control through a clean N.O. contact. mechanical closing when the door is closed Connections via snap-in connector. Safety mechanical unlock with manual pull. N.O./N.C. indication of the lock's open/close status. Power supply: 12 ÷ 24 Vdc polarized Peak current: 150 mA at 12 V 75 mA at 24 V Idle current: 24 mA at 12 V 12 mA at 24 V	
	Use: Electronically operated lock with high load capacity rotary closure for cabinets, drawers, and show cases	
22912A	<u>Version without front plate - Front or side mounting</u>	262,00
22912AF	<u>Version with stainless steel front plate</u>	283,00

APPLICATION EXAMPLES



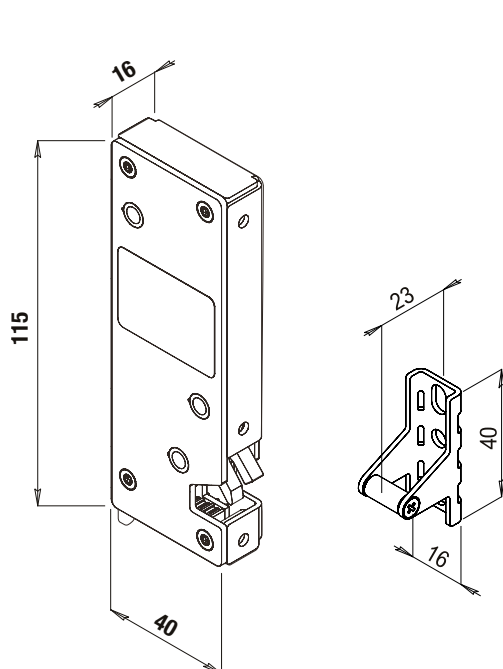
SAFE COMPARTMENTS AND DRAWERS

Locking mechanism for compartments containing sensitive items, with a locking mechanism even in the absence of power. Unlocking can be controlled by remote opening systems with the ability to indicate the actual open or closed status.

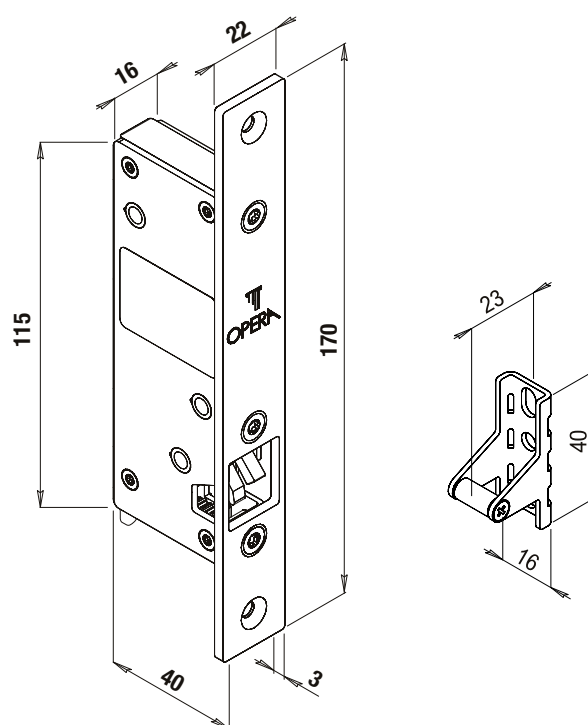


CABINET WITH CARD READER (RFID) OPENING

Locking system for locker cabinets in gym changing rooms, swimming pools, laboratories, hospitals, offices. Electronic unlocking controllable by RFID readers or other pre-installed authentication systems. Mechanical unlock via pull mechanism to ensure the possibility of opening even in the absence of power. Easily integrable into systems for automated product delivery.

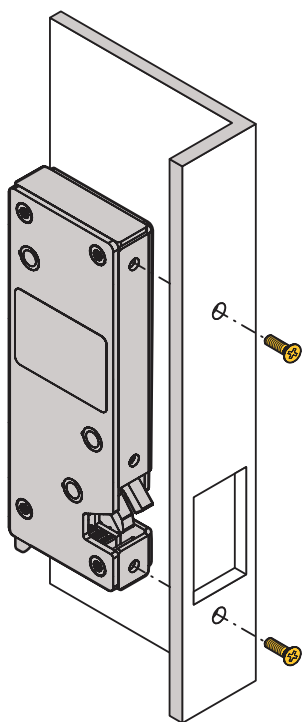
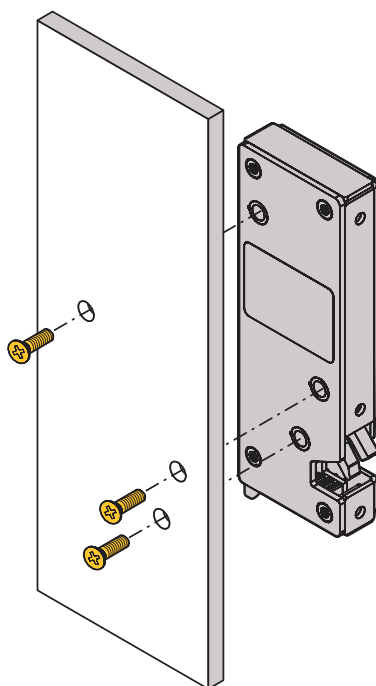
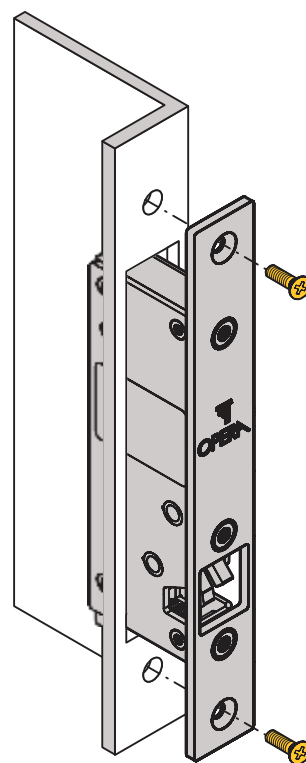


Art. 22912A



Art. 22912AF

FIXING EXAMPLES

Art. 22912A
Front fixingArt. 22912A
Side fixingArt. 22912AF
Front fixing

NEW



Art.

Description

ELECTRIC LOCK FOR CABINETS

Electric body and striking plate in stainless steel

Pin diameter 9.5mm, extension 25mm

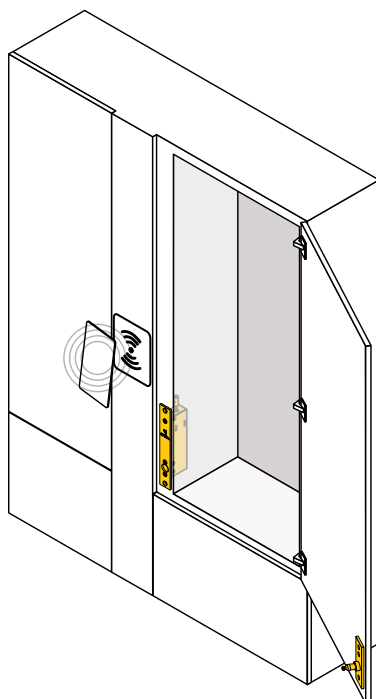
Power supply: 12 or 24 Vdc

Opening: limited to the duration of the pulse, with current limiter Mechanical relocking upon door closure

Safety mechanical release through manual pull rod. Microswitch C. /

N.O. / N.C. indicating the lock's open/closed status

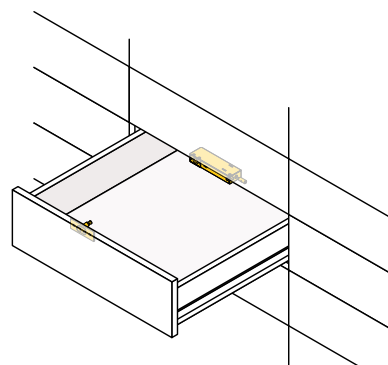
Burglary resistance force: 800Kg

Use: Electric lock for cabinet, drawers and security showcase.**22922S**Version without front plate - 12 Vdc**22924S**Version without front plate - 24 Vdc**22922SF**Version with front plate - 12 Vdc**22924SF**Version with front plate - 24 Vdc**APPLICATION EXAMPLES****CABINET WITH CARD READER (RFID) OPENING**

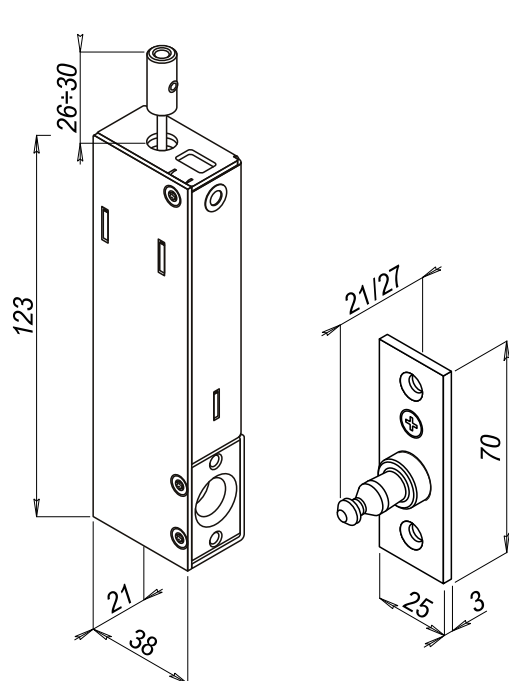
Locking system for locker cabinets in gym changing rooms, swimming pools, laboratories, hospitals, offices. Electronic unlocking controllable by RFID readers or other pre-installed authentication systems. Mechanical unlock via pull mechanism to ensure the possibility of opening even in the absence of power. Easily integrable into systems for automated product delivery.

SAFE COMPARTMENTS AND DRAWERS

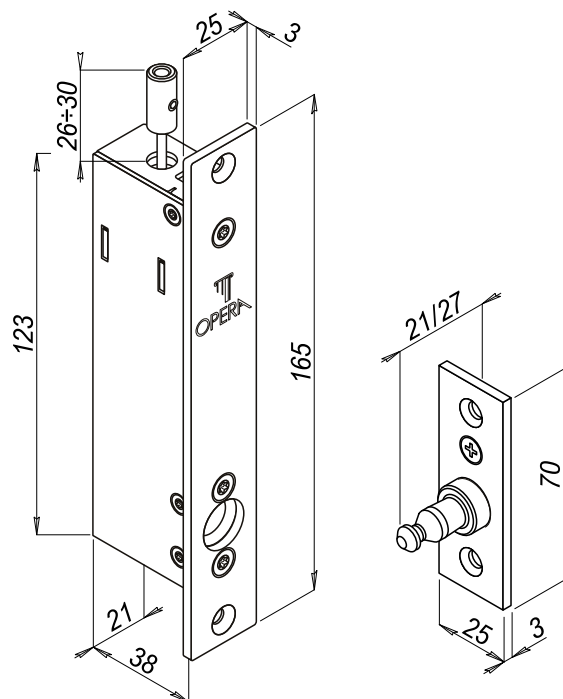
Locking mechanism for compartments containing sensitive items, with a locking mechanism even in the absence of power. Unlocking can be controlled by remote opening systems with the ability to indicate the actual open or closed status.



ELECTRIC LOCKS FOR CABINETS

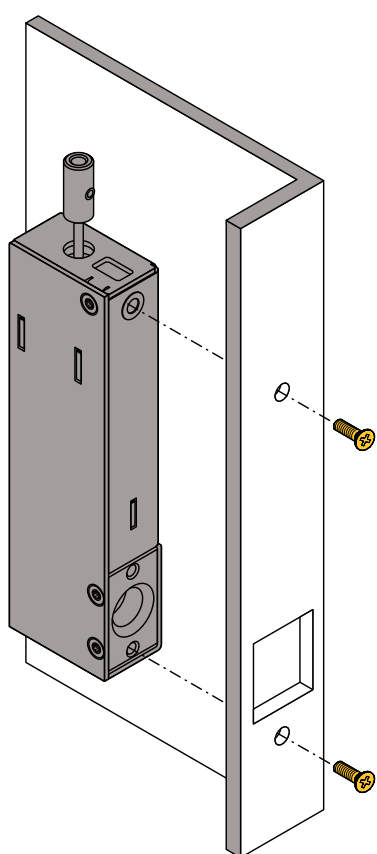


Art. 22922S - 22924S

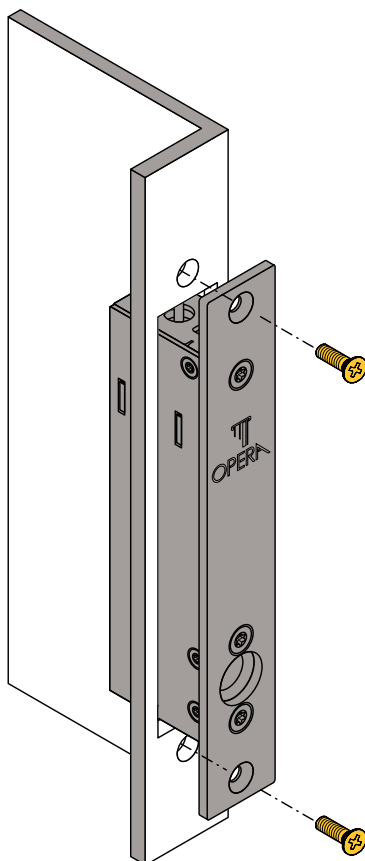


Art. 22922SF - 22924SF

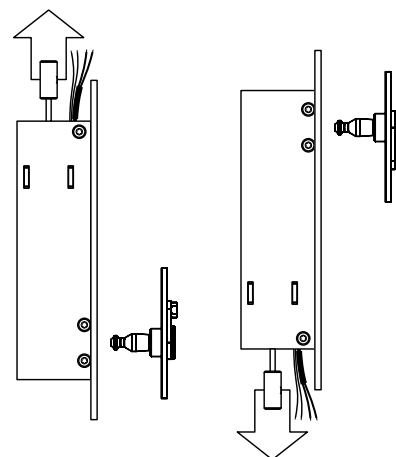
FIXING EXAMPLES



Art. 22922S - 22924S
Attachment on the inner side of the profile



Art. 22922SF - 22924SF
Attachment on the profile



INSTALLATION DIRECTION

The lock can be mounted with the unlocking lever facing upward or downward



Common characteristics: Stainless steel body. Nickered tempered steel block pin on stainless steel counterplate. Strength of resistance to breaking and entering: 800 kg. Insertion of the front panel block pin.

Use: safety closure, electrically controllable for the closing of sliding doors, including external ones exposed to weather.



Art.	Description
SECURITY ELECTRIC LOCK FOR SLIDING DOORS	
	Mechanical opening with European cylinder. Locked without power supply
	Stainless steel front plate. Stainless steel counterplate
	Counterlock with pin release system when the door is ajar
	Pin diameter 9.5 mm, extension 25 mm
	Power supply: 12 or 24 Vdc
	Current absorbed: 1,000 mA at 12 V / 500 mA at 24 V
	Opening: limited to the duration of the impulse with current limiter
	Entrance: 28 mm C. / N.A. / N.C. microswitch of inserted pin position
23822	Power supply: 12Vdc
23824	Power supply: 24Vdc
23822FG	Power supply: 12Vdc - with hold open function
23824FG	Power supply: 24Vdc - with hold open function
MECHANICAL VERSION	
23800	With Euro-profile cylinder facilities
23800FG	With Euro-profile cylinder facilities and hold open function
Art. + CF	Fix counterplate - spare part (ex. 23822CF)
Art. + CFL	Fix counterplate long front plate- spare part (ex. 23822CFL)
02238CF	Fix counterplate with short front plate mm 70 x 25 x 3 - spare part
02238CFL	Fix counterplate with long front plate mm 150 x 25 x 3 - spare part
02238	Counter lock - spare part

CARTER FOR SURFACE FITTING ARCA KEY AND ARCA SLIDE

Lock and armature plate carter body in Stainless Steel
Euro-profile cylinder facilities
Backset: 28mm

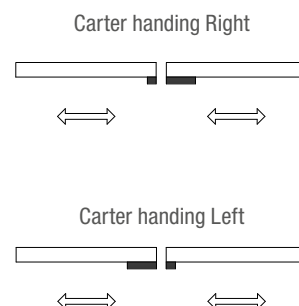
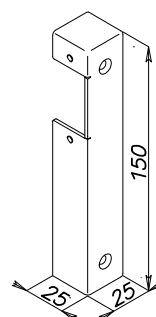
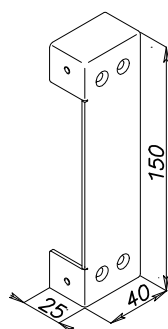
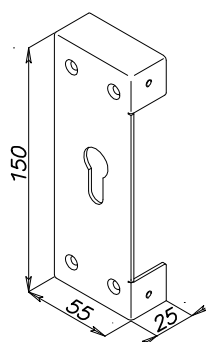


02308

02308.1	With standard counterplate - Right hand
02308.2	With standard counterplate - Left hand
02308.1CF	With fix counterplate - Right hand
02308.2CF	With fix counterplate - Left hand



02308CF



ELECTRIC LOCKS FOR SLIDING DOORS SERIES ARCA SLIM

Common features: Stainless steel body. Nickel plated hardened steel block pin on stainless steel counterplate. Strength of resistance to breaking and entering: 800 kg. Insertion of the front panel block pin.

Use: security locking, electrically controllable for the closing of sliding doors, including external ones exposed to weather.



Art.	Description
	SECURITY ELECTRIC LOCK Mechanical opening with European cylinder Locked without power supply Front panel lock and stainless steel counterplate Counterplate with pin release system when the door is ajar Pin diameter 9.5 mm, extension 25 mm. Opening: limited to the duration of the impulse with current limiter. Entrance: 20 mm. C. / N.A. / N.C. microswitch of inserted pin position
23622S	FAIL SAFE Power supply : 12Vdc - 1A
23624S	Power supply : 24Vdc - 500mA
23822S	FAIL SECURE Power supply : 12Vdc - 1A
23824S	Power supply : 24Vdc - 500mA
23800S	MECHANICAL VERSION With Euro-profile cylinder facilities
Art. + CF	Supplied with fix counterplate
Art. + CFL	Supplied with fix counterplate long front plate
02238CF	Fix counterplate - spare part
02238CFL	Fix counterplate, long front plate - spare part
02238	Counter lock - spare part



02308

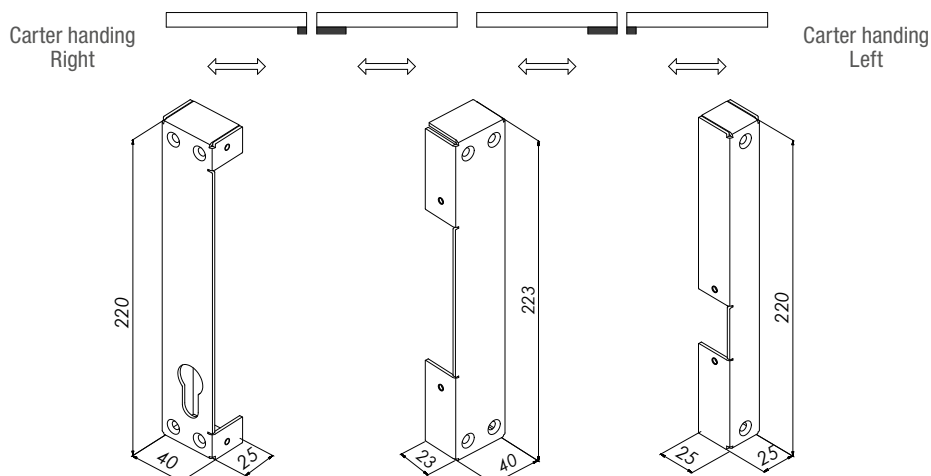


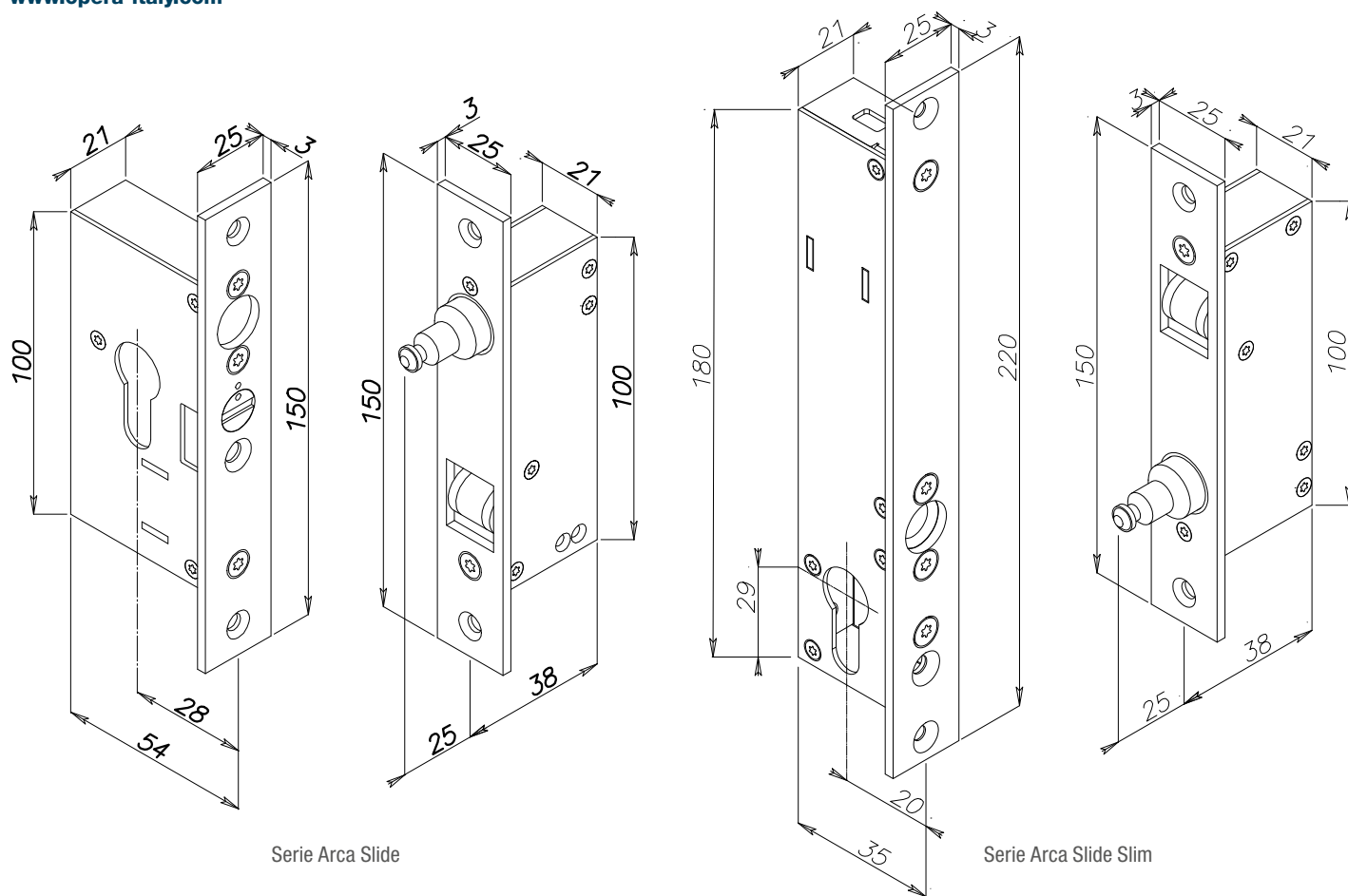
02308CF

CARTER FOR SURFACE FITTING ARCA KEY AND ARCA SLIDE

Lock and armature plate carter body in Stainless Steel
Euro-profile cylinder facilities
Backset: 20mm

02308.1S	with standard counterplate - Right hand
02308.2S	with standard counterplate - Left hand
02308.1CFS	with fix counterplate - Right hand
02308.2CFS	with fix counterplate - Left hand





Serie Arca Slide

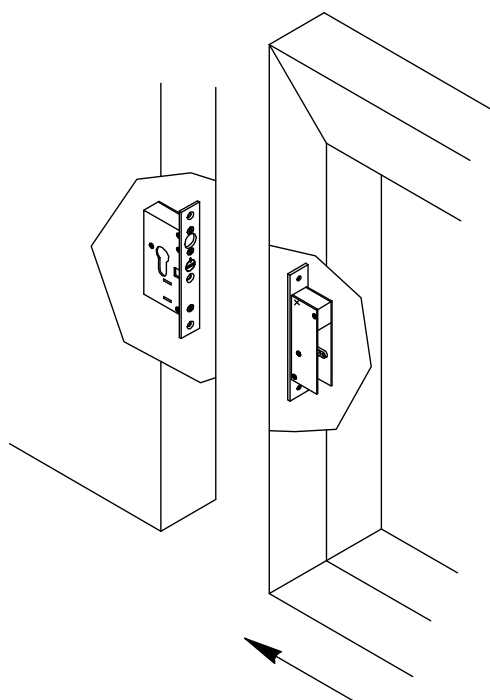
Serie Arca Slide Slim

COUNTERLOCK SYSTEM

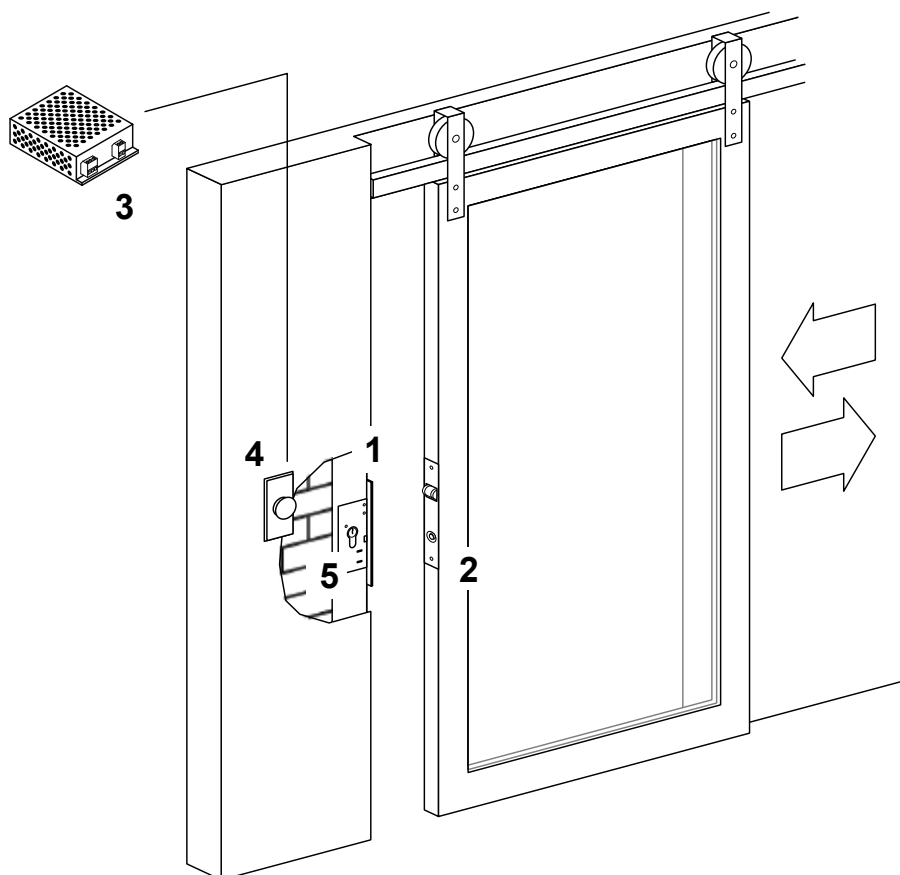


When the door is closed

When the door is open

SEE
APPLICATION EXAMPLE

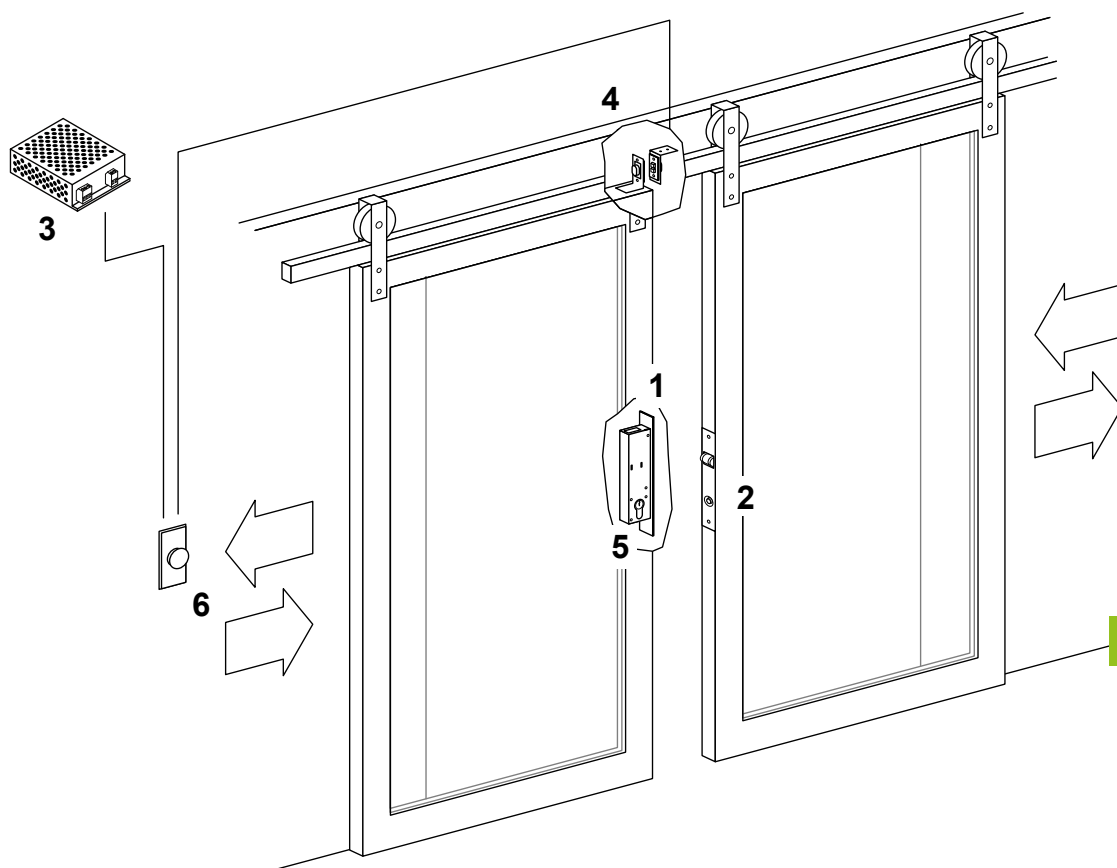
1 SHUTTER SLIDING DOOR



LEGENDA

- 1 Arca Slide
- 2 Striking plate
- 3 Power supply
- 4 Tappet contacts
- 5 European cylinder
- 6 Button

2 SHUTTERS SLIDING DOORS



LEGENDA

- 1 Arca Slide
- 2 Striking plate
- 3 Power supply
- 4 Tappet contacts
- 5 European cylinder
- 6 Button



Art.

23000

Description

ELECTROMECHANICAL LOCK FOR DOUBLE ACTION DOORS

Mechanical opening with European type cylinder
 Front plate and strike plate in stainless steel
 Reversible latch with mechanical block in closed position
 Striking plate device to block the latch in the closed position
 Latch dimensions (mm): 26 x 15.5 x extension 13
 Operating voltage: 12/24 Vac/dc
 Absorbed current: 280 mA at 12 Vdc - 140 mA at 24 Vdc
 Version: fail unlocked (closed with power) and fail locked (open with power) selectable
 Backset (mm): 30
 Latch blocked/released status contact C. / N.O. / N.C.
 Supplied with 2 striking plates - 1 for regular swing door, 1 for double swing action door

Use: electromechanical lock ideal for operation on double action doors (opening in both directions). The door is reclosed automatically when it approaches by pressing on the special mechanical alignment device.

On request: as the opening of the electromechanical lock is limited to the duration of the electric pulse (security version) or the lack of power (fail unlocked version), we recommend using the timer board item 51500 (pag. 43) to time release the lock (usable only if the electromechanical lock is powered with 12 Vdc). If powered with 24 Vdc, other time release devices available on the market and not provided by us must be used.

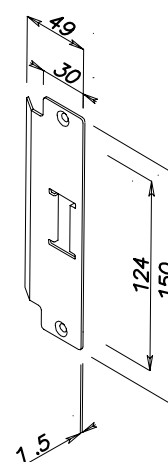
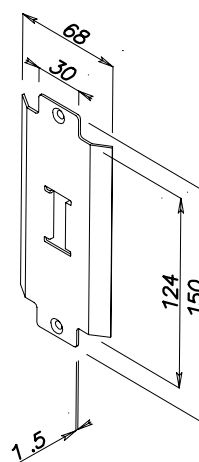
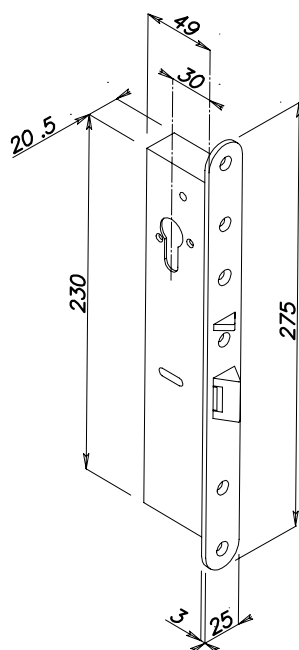
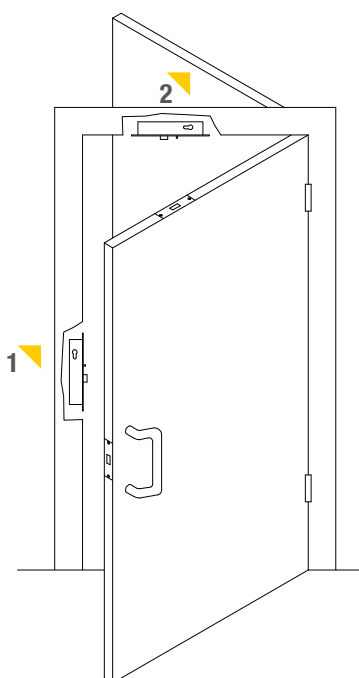
02300

02301

STRIKING PLATE - REPLACEMENT

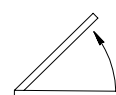
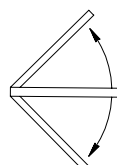
Striking plate mm 150 x 68 x 1,5 for double action doors

Striking plate mm 150 x 49 x 1,5 for normal swing doors

**APPLICATION EXAMPLE**

1 Mounting on vertical frame

2 Mounting on horizontal frame



MANAGEMENT ELECTRONIC FOR SINGLE DOOR OR INTERLOCKING

Art.

Description

54610A

ELECTRONIC CONTROL UNIT**For one door**

ABS box in white color RAL9002 designed for wall mounting, inside an electrical box, or on DIN35 rail using the mounting kit included in the package.

Dimensions: 102 x 50 x 27.5 mm

Power supply: 10-30 Vdc / 12-18 Vac

Current consumption: 60 mA in standby

Microprocessor-based control electronics

Preparation for interlocking connection between 2 or more doors

Inputs with N.O. (Normally Open) contacts for:

- Opening
- Locking
- Emergency
- Reset Alarms
- Latch position
- Door position
- Interlock

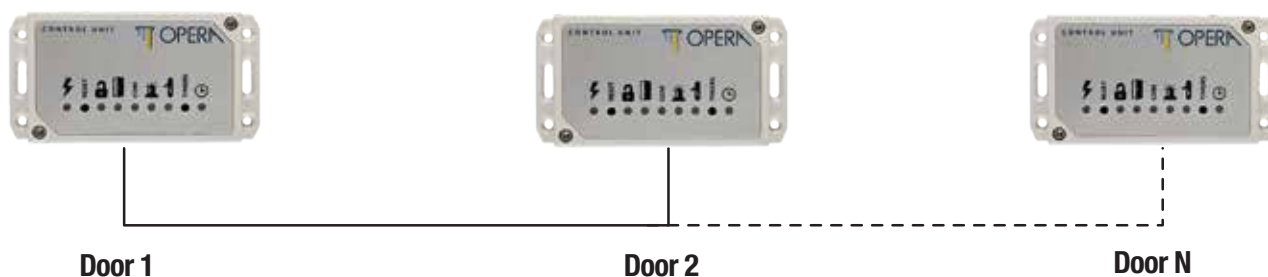
Outputs:

- 1 Power relay, configurable N.O./N.C. contact - 30 Vac/Vac, 5 A max with resistive load
- Status relay C./N.O./N.C. - 30 Vdc/Vac, 1 A max with resistive load for connection to Red/Green traffic lights
- Alarm relay C./N.O. contact, configurable N.O./N.C. - 30 Vdc/Vac, 1 A max with resistive load for Extended door opening, Fault, Emergency, Simultaneous opening of 2 or more doors if connected in interlock

Possibility of cascading connection to interlock multiple doors with each other (to be connected for each door to be controlled).

Button for monitoring and adjusting times for:

- Closing from 0 - 5 sec. upon door closure
- Closing from 0 - 240 sec. if the door is not opened
- Extended door opening alarm from 0 - 240 sec.

**INTERLOCKING BETWEEN TWO OR MORE DOORS**

Art.

Description

UNIVERSAL COMMAND CONSOLE CONTROL SYSTEM

Aluminium console box in black
with silk screened polycarbonate panel
Membrane button with touch effect
Dimensions (mm): 195 x 160 x 50 (1 and 2 door versions)
Dimensions (mm): 300 x 160 x 50 (3 and 4 door versions)
Operating voltage: 12/24 Vac/Vdc
Connections via screw terminal block
N.O. inputs for command of door Opening from console
N.O. inputs for command of door Opening from external push buttons or sensitive handles
N.O. input for Reset command
N.O. input for Block command
N.O. / + 12 Vdc Input for alarm activation
N.O./N.C. input with memory for management of the interlock with insertion of a Metal-Detector *
N.O./N.C. input for presence of persons inside the interlock for automatic operation *
ON/OFF key switch for turning off system via external relay (i.e. item REL12V)
Manual, Automatic, Emergency key switch
Automatic operation selectable in 4 modes:
mono-directional, bi-directional, first door open, from external push button / sensitive handle on the doors*

Optical signalling:
Red/Green LED for Open/Closed lock status indication
Red/Green LED for Open/Closed door status indication
Alarm, Reset, Presence of Persons, Automatic, Emergency, Block, Metal-Detector, Power / Low Battery Alarm LEDs
Internal buzzer (can be deactivated) for acoustic signalling of pressing of push buttons, for signalling of an active alarm and low battery
* Functions enabled in 2 - 3 and 4 door consoles for interlocking operation

For 1 door
For 2 doors
For 3 doors
For 4 doors

Use: universal console for door command

Connectable to Prima series Solenoid bolts, 54610A electronics, Safety series magnetic locking systems, Omnia 1000 series electric strikes, Quadra series Solenoid bolt and Quadra Micro series.

SERVICE RELAY

Relay with polarized activation coil at 12 Vdc/90 mA
Double switching C./N.O./N.C. - Contacts rating 10 A @ 250 Vac

Relay with polarized activation coil at 24 Vdc / 50 mA
Double switching C./N.O./N.C. - Contacts rating 10 A @ 250 Vac

Use: can be used as relay for turning on and off the system via ON/OFF key switch on the console (or for other uses where required)



54611A



54612A



54613A



54614A

54611A
54612A
54613A
54614A



REL12V

REL24V

Art.

Description

54614B

**DESKTOP CONSOLE - CONTROL SYSTEM
SELECTABLE FOR 1-2-3-4 DOORS**

Setup for 1 door



Setup for 2 door



Setup for 3 doors



Setup for 4 door

White ABS control box with capacitive control panel screen-printed on polycarbonate secret light technology. Capacitive touch buttons

Dimensions: 175 x 140 x 52 mm (1, 2, 3, and 4-door versions)

Power supply: 12 Vdc / 2A.

Plug-in power supply 230V / 12 Vdc - 2A (included in the package)

RS-485 serial connections via RJ45 connector.

ON/OFF button for turning off the console.

Key switch for emergency management.

Selectable Automatic/Manual function in 4 modes (internal dip-switch setting):

Unidirectional, bidirectional, first door open, from external touch buttons/handles on the doors* (functions enabled in 2, 3, and 4-door consoles for interlock operation).

Optical indicators (icons): White illuminated button for Auto/Normal mode (illuminated white text enabled).

White/red illuminated button for Lock mode.

White illuminated button for Reset mode.

White, green, and red illuminated buttons for opening doors 1, 2, 3, and 4.

Red/Green icons for indicating lock status (Open/Closed).

Red/Green icons for indicating door status (Open/Closed).

Icons for Alarm, Reset, Person Presence, Automatic, Emergency, Lock, Metal Detector, External Call, Power/Battery Low.

Internal (disengageable) buzzer for audible signaling of button press, active alarm, and low battery.

Use: connectable, on a serial line through interface circuits, to solenoid bolts of the Prima and Classica series, electronic devices 54610A, matched with the locking systems of the Safety, Omnie1.000, Quadra, Quadra Micro series, to the electronic devices art. 54250 and 54255, matched with the motorized electromechanical locks of the Maxima series art. 25500



54615B

AUXILIARY CIRCUIT FOR PERIPHERAL MANAGEMENT

Dimensions: for ABS box on DIN rail

Power supply: 12 - 24 Vdc (non-polarized) 500mA max

12 - 18 Vac 5VA max

Inputs:

- No. 2 normally open (N.O.) contacts for opening
- No. 2 normally open (N.O.) contacts for external intercom call
- No. 1 normally open (N.O.) contact for presence sensor
- No. 1 normally open (N.O.) contact for metal detector
- No. 1 normally open (N.O.) contact for battery monitor for battery backup management (with optional circuit)

Signal terminals:

- No. 1 x RS-485

Internal button and dip switch for configuration management, LED indicators for functionality and network activity.

Use: Circuit that expands the functionalities of the console system via serial connection for the management of peripherals (metal detector, external call, auxiliary openings, presence sensor, and battery backup management).



54616B

MASTER OPNET CIRCUIT FOR SERIAL COMMUNICATION MANAGEMENT

Dimensions: ABS box on DIN rail

Power supply: 12 - 24 Vdc (non-polarized) 500mA max

12 - 18 Vac 5VA max

Signal terminals: 2 x RS-485 GPIO Interfacing: internal button for configuration management, internal dip switch for configurations, LED indicators for functionality and network activity.

Use: Circuit for managing the communication of all wired peripherals via serial connection.



54617B

BATTERY BACK-UP

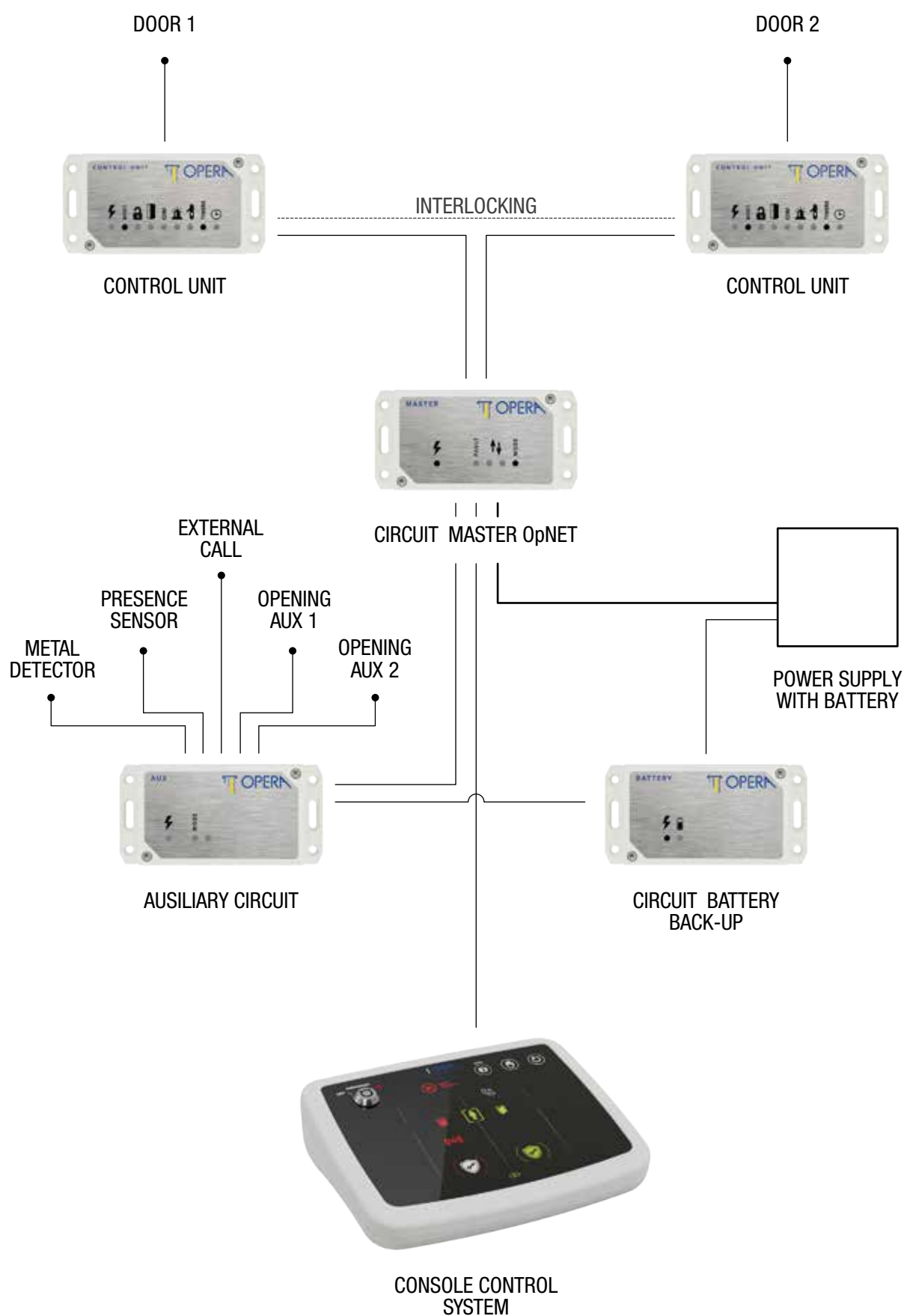
Dimensions: ABS box in DIN rail

Power supply: 12 -18 Vac / 15 - 24 Vdc - Current 5A max

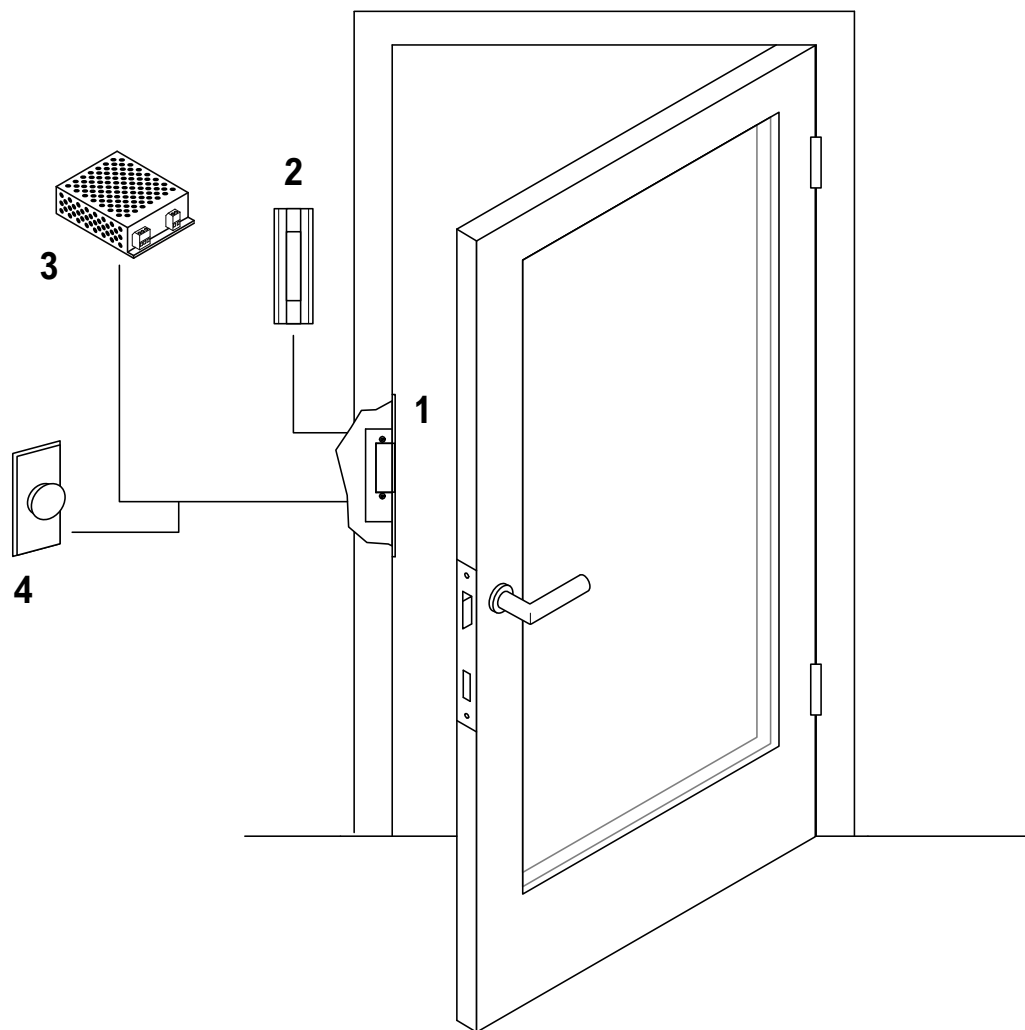
Maximum absorbed power 75 W

Regulated output voltage 13 Vdc

Use: Circuit that allows the management of the presence and the charge / discharge status of the backup battery

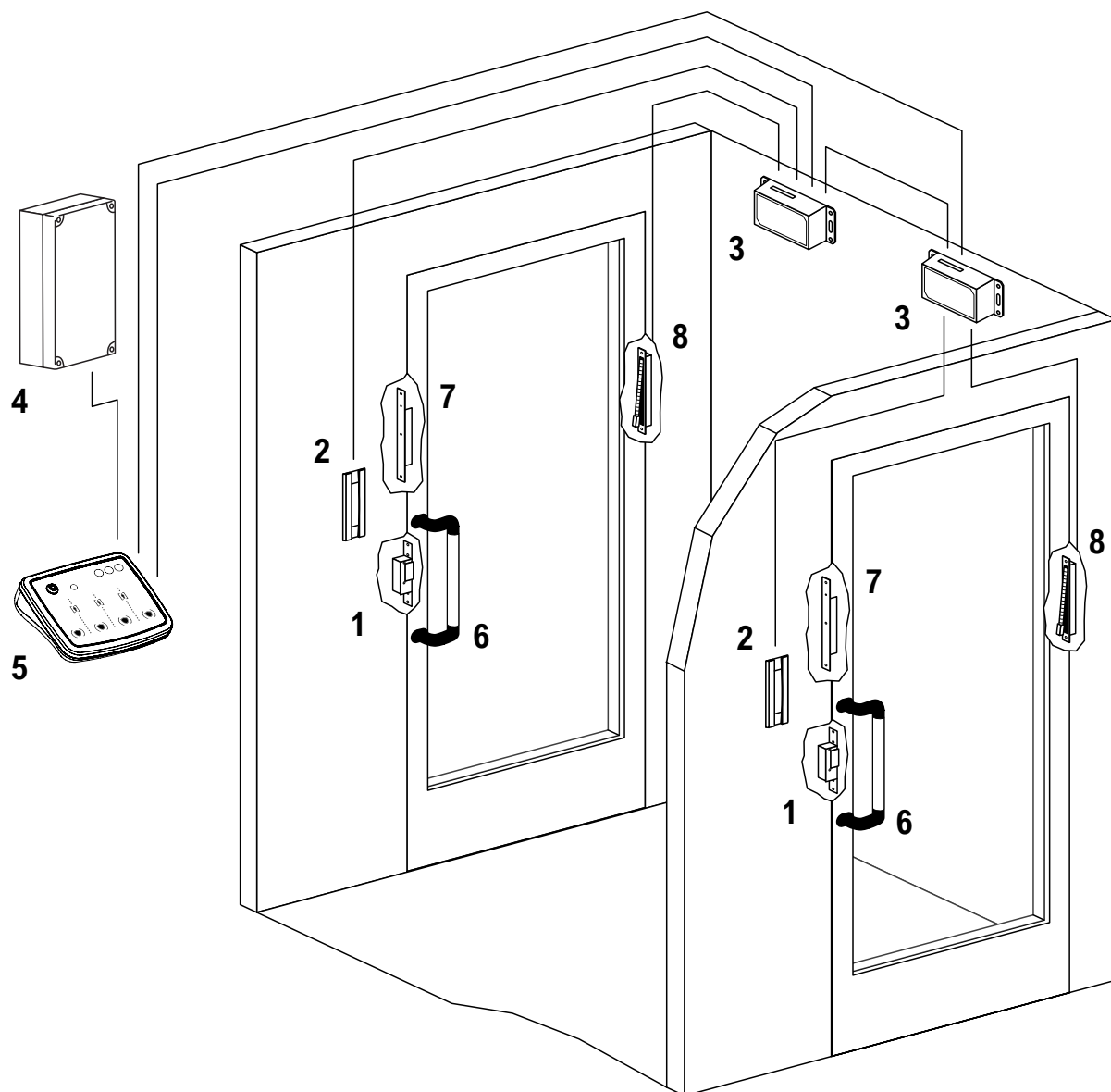


SECURITY SYSTEM WITH ELECTRIC STRIKE OMNIA 1.000



LEGENDA

- 1** Security electric strike
- 2** Indicator lamp
- 3** Power supply
- 4** Remote opening button



LEGENDA

- 1 Electric Strikes
- 2 Indicator lamps
- 3 Control units
- 4 Power supply
- 5 Desktop console
- 6 Sensitive bars
- 7 Sensitive cards
- 8 Lead covers

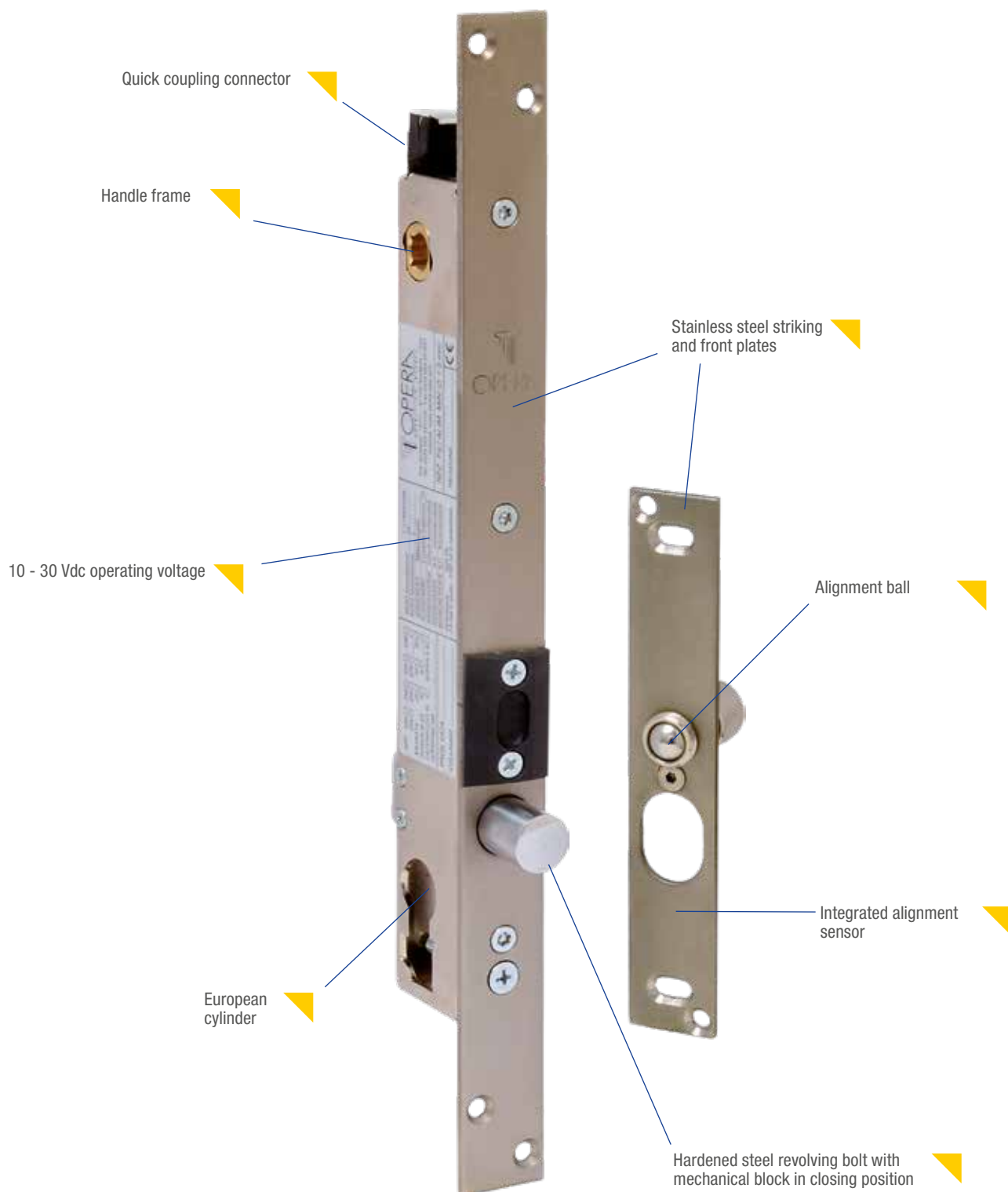




PRIMA

- ▶ SECURITY SOLENOID LOCKS
- ▶ ANTI CUTTING AND ANTI BREAKING AND ENTERING REVOLVING BOLT
- ▶ MANUAL ACTIVATION WITH EUROPEAN CYLINDER AND HANDLE
- ▶ FOR AN INTENSIVE AND CONTINUOUS USE
- ▶ IDEAL FOR STEEL OR ALUMINIUM DOORS
- ▶ SINGLE OR INTERLOCKED CONFIGURATION





PLUS

- ▶ Security solenoid lock
- ▶ Hardened steel revolving bolt with mechanical block
- ▶ Fail safe or fail secure versions without power
- ▶ Internal microprocessor control electronics
- ▶ High resistance to breaking and entering
- ▶ Mechanical opening with European cylinder or handle
- ▶ Automatic closing with adjustable timing

SINGLE DOOR WITH SOLENOID LOCK

INTERNAL OPENING



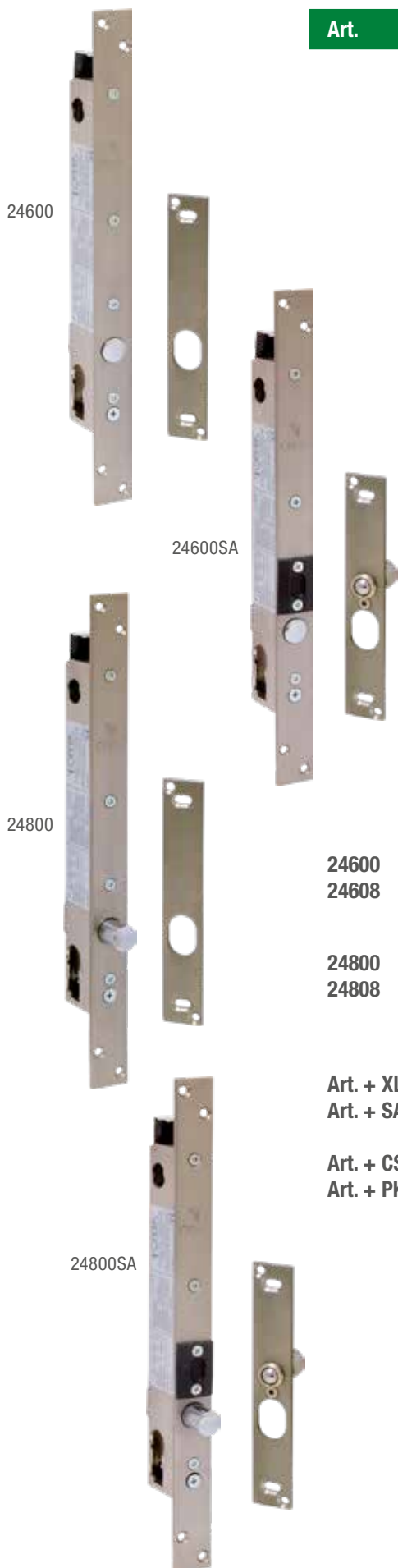
EXTERNAL OPENING



PLUS EXAMPLE

- Solenoid lock to be mounted on emergency exits
- To be mounted on the frame or on the shutter
- Single door operating system (condominiums, offices, companies)
- Interlocked doors operating system (banks, jewelries, corporations)
- To be matched with intercom and access control systems





Art.

Description

SOLENOID BOLT FOR INTERLOCKING SYSTEMS

Mechanical opening with European type cylinder

(cylinder with internal knob not usable)

Striking plate in stainless steel (mm) 320 x 25 x 3

Armature plate in stainless steel (mm) 150 x 25 x 3 with alignment magnet

Revolving bolt in anti-cutting hardened steel with mechanical block in closed position

Deadbolt dimension (mm): extension 20 (25 in the XL version), diameter 16

Lock body dimensions on page 140

Operating voltage: from 10 to 30 Vdc

Absorbed current: 2.5/3 A peak

130/230 mA for maintenance with electronic control

Internal microprocessor control electronics

Rapid plug-in connector

Ready for interlocking connection of 2 or more doors

N.O. Opening, Block, Emergency and Alarm Reset Controls

Deadbolt position contact C. / N.O. / N.C

Door position contact N.O. for the Open / Closed monitoring function or for use on an external door alignment sensor

Open Collector Alarm contact for Prolonged Opening from 0 to 120

seconds, Fault, Emergency, simultaneous Opening of 2 or more doors if in interlocked configuration

Opto-electronic bolt position control

Magnetic door position sensor

Push buttons for monitoring and adjustment of relocking times from 0-5 seconds upon approach of the door and from 0-60 seconds if the door is not opened

The timings can be disabled for use of the solenoid bolt with external control electronics

Push button for monitoring and adjustment of the Prolonged Door Open

Alarm trigger (function can be disabled)

Vertical mounting (Horizontal mounting on demand see page 163)

Fail unlocked deadbolt open without powerWithout handle frame**24600**With handle frame (mm) 8**24608****Fail locked deadbolt closed without power**Without handle frame**24800**With handle frame (mm) 8**24808****Backsets available (mm): 25 - 30 - 35 - 60****Options On request:**Extended deadbolt + 5 mm.**Art. + XL**Solenoid bolt with anti-rebound ball-catch mounted directly on the Armature plate with the slide in ABS on the striking plate**Art. + SA**Solenoid bolt for pin key inserted (available backsets 27, 32 and 37)**Art. + CS**Solenoid bolt prepared to accept the swiss round cylinder 22mm diam.**Art. + PK**Only available in backset 35mm - supplied without cylinder**Extra Entrata:** for backset 60 mm**Packaging:** solenoid bolt, armature plate, cylinder screw and connector

INTERLOCKING KITS WITH VERTICAL SECURITY SOLENOID BOLTS PRIMA SERIES

Art.	Description
	<p>KIT FOR INTERLOCKING SYSTEM EXAMPLE 1 Features: Management of the doors with manual opening by means of console push buttons Kit is made up of: 2 Solenoid bolts series 24600 or 24800 (specify backset) 1 Power supply item 05320A or 05312A (in box with space for battery) 1 Command console item 54612A 2 Concealed cable covers (with lock mounted on the door) item 08600 1 Backup battery item 00712</p>
	<p>KIT FOR INTERLOCKING SYSTEM EXAMPLE 2 Features: Management of the doors with manual opening by means of console push buttons Indicator lamp signalling to be inserted on the door post to support management of opening to the public. Kit is made up of: 2 Solenoid bolts series 24600 or 24800 (specify backset) 1 Power supply item 05320A or 05312A (in box with space for battery) 1 Command console item 54612A 4 Indicator lamps item 55010 (Silver or Black) or 55030 2 Concealed cable covers (with lock mounted on the door) item 08600 1 Backup battery item 00712</p>
	<p>KIT FOR INTERLOCKING SYSTEM EXAMPLE 3 Features: Management of the doors with manual opening by means of console push buttons Indicator lamp signalling to be inserted on the door post to support management of opening and intercom for communication with the public outside. Kit is made up of: 2 Solenoid bolts series 24600 or 24800 (specify backset) 1 Power supply item 05320A or 05312A (in box with space for battery) 1 Command console item 54612A 3 Indicator lamps item 55010 (Silver or Black) or 55030 1 Indicator lamp item 55012 (Silver or Black) or 55030 + 55033 1 Intercom handset item 05513 2 Concealed cable covers (with lock mounted on the door) item 08600 1 Backup battery item 00712</p>
	<p>KIT FOR INTERLOCKING SYSTEM EXAMPLE 4 Features: Management of the doors with manual opening by means of console push buttons and automatic opening by means of external push buttons on the indicator lamps. Indicator lamp signalling to be inserted on the door post to support management of opening and intercom for communication with the public outside. Kit is made up of: 2 Solenoid bolts series 24600 or 24800 (specify backset) 1 Power supply item 05320A or 05312A (in box with space for battery) 1 Command console item 54612A 3 Indicator lamps with push buttons item 55011 (Silver or Black) or 55031 1 Indicator lamp item 55014 (Silver or Black) or 55031 + 55033 1 Intercom handset item 05513 2 Concealed cable covers (with lock mounted on the door) item 08600 1 Backup battery item 00712</p>



Art.	Description
	SOLENOID BOLT FOR SINGLE DOOR Mechanical opening with European type cylinder (cylinder with internal knob not usable) Striking plate in stainless steel (mm) 320 x 25 x 3 Armature plate in stainless steel (mm) 150 x 25 x 3 with alignment magnet Revolving bolt in anti-cutting hardened steel with mechanical block in closed position Deadbolt dimension (mm): extension 20 (25 in the XL version), diameter 16 Lock body dimensions on page 140 Operating voltage: From 10 to 30 Vdc Absorbed current: 2.5/3 A peak - 130/230 mA for maintenance with electronic control Internal microprocessor control electronics Rapid plug-in connector Ready for interlocking connection of 2 or more doors N.O. Opening control Deadbolt position contact C. / N.O. / N.C Opto-electronic bolt position control Magnetic door position sensor Push buttons for monitoring and adjustment of relocking times from 0-5 seconds upon approach of the door and from 0-60 seconds if the door is not opened The timings can be disabled for use of the solenoid bolt with external control electronics Vertical mounting (horizontal on demand see page 163)
25600	
25600SA	
25600	
25608	
25800	
25808	
Art. + XL	Extended deadbolt + 5 mm.
Art. + SA	Solenoid bolt with anti-rebound ball-catch mounted directly on the Armature plate with the slide in ABS on the striking plate
Art. + CS	Solenoid bolt for pin key inserted (available backsets 27, 32 and 37)
Art. + PK	Solenoid bolt prepared to accept the Swiss round cylinder 22mm diam. Only available in backset 35mm - Extra charge for backset mm 60

Packaging: solenoid bolt, armature plate, cylinder screw and connector

Versione 25808 60



Predisposizione per defender

VERTICAL SECURITY SOLENOID LOCKS PRIMA BASE SERIES

Art.	Description
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ELECTRIC SAFETY BOLT FOR SINGLE DOOR

Technical specifications: see page 158.

OP57036

OP57038

Electric bolts compatible with Corni type series 57036/38

With handle plate - Bolt open in the absence of power

With handle plate - Bolt closed in the absence of power

25600FL

25608FL

Electric bolts for replacing electric locks on the door frame

Bolt open in the absence of power - Without handle plate

Bolt open in the absence of power - With handle plate mm 8

25800FL

25808FL

Bolt closed in the absence of power - Without handle plate

Bolt closed in the absence of power - With handle plate mm 8

Available sizes: mm 25 - 30 - 35 - 60

Available on request:

Art. + XL Extended bolt length + 5 mm

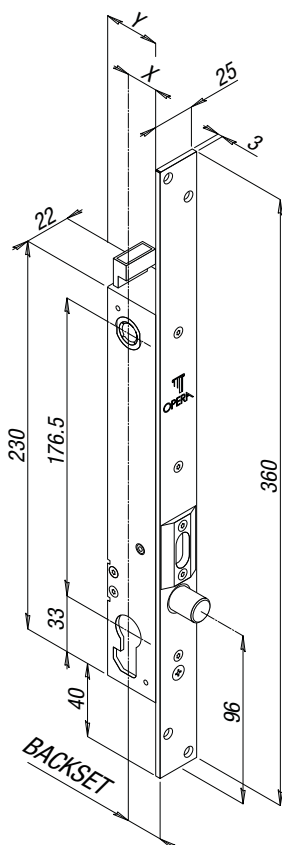
Art. + SA Electric bolt with anti-rebound alignment ball mounted directly on the strike plate with ABS slide on the front

Art. + CS Electric bolt with key pin cylinder inserted (available sizes mm 27, 32, and 37)

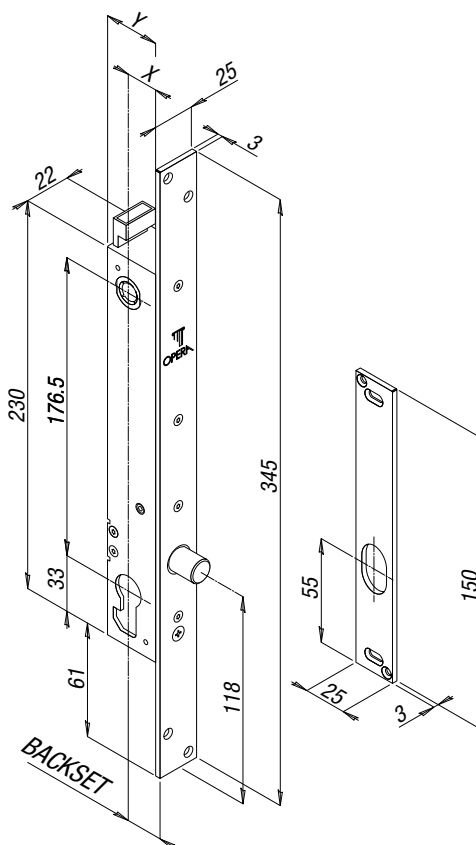
Extra Size: mm 60

Package: electric bolt, strike plate, connector, and cylinder screw

BACKSET	X	Y
25	22	35
30	27	40
35	32	45
60	57	70



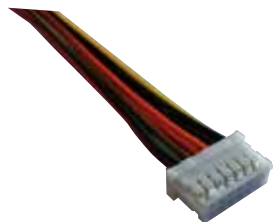
OP57038



25808FL



Art.	Description
25908	ELECTRIC BOLT FOR SINGLE DOOR Mechanical opening with European cylinder (internal knob cylinder not usable) Stainless steel front mm 320 x 25 x 3 Stainless steel strike plate mm 150 x 25 x 3 Reversible tempered steel anti-cut latch Lock body dimensions on page 163 Latch dimensions: mm 16 diameter x 14 x 16 extension Power supply: from 10 to 30 Vdc Current Draw: 2.5/3 A peak - 130/230 mA holding with permanent electronic control Internal microprocessor control electronics Connection via quick-connect connector Normally Open (N.O.) Opening command Normally Closed (N.C.) latch position contact Opto-electronic control of latch position Button for monitoring and adjusting the latch exit time from 0-60 sec. Timing can be disabled for use with external management electronics
	Latch closed in the absence of power: <u>Without handle plate</u> 25900 <u>With handle plate mm 8</u> 25908 Available sizes: 25 - 30 - 35 - 60 (extra cost) Note: In the 60mm size version, specify the hand .1 (right) - .2 (left) Example: 2590060.1
25908SA	Art. + C Shabbat-certified version available on request
	Art. + SA <u>Electric bolt with anti-rebound alignment ball mounted directly on the strike plate with ABS slide on the front</u>
	Art. + CS <u>Electric bolt with key pin cylinder inserted (available sizes mm 27, 32, and 37)</u>
	Art. + PK <u>Electric bolt for Swiss cylinder diam. 22 (available size mm 35)</u> <u>Specify right or left hand</u> Extra Size: mm 60 Package: electric bolt, strike plate, connector, and cylinder screw





CC090
CC091

SPARE CONNECTORS

9-wire spare connector for series: 256 - 258 - 259 - 278 - 279 - OP series

14-wire spare connector for series 246 - 248 - 268

VERTICAL SECURITY SOLENOID LOCKS PRIMA BASE SERIES

Art.	Description	
 <p>25910</p>	<p>SOLENOID BOLT FOR SINGLE DOOR - FAIL SAFE Mechanical opening with European type cylinder (cylinder with internal knob not usable) Striking plate in stainless steel (mm) 320 x 25 x 3 Armature plate in stainless steel (mm) 150 x 25 x 3 Reversible anti-cutting latch in hardened steel Lock body dimensions - see below Latch dimensions (mm): 16 (diameter) x 14 x 16 extension Operating voltage: from 10 to 30 Vdc Absorbed current: 2.5/3 A peak - 130/230 mA for permanent maintenance with electronic control Internal microprocessor control electronics N.O. Opening control Opto-electronic Monitored latch position control Relocking after 5 seconds</p> <p>Fail unlocked latch closed with power: <u>Without handle frame</u> 25910 <u>With handle frame (mm) 8</u> 25918</p> <p>Backsets available (mm): 25 - 30 - 35 - 60</p>	
 <p>25910SA</p>	<p>Art. + C Versione con certificazione Shabbat su richiesta</p> <p>Art. + SA <u>Solenoid bolt with anti-rebound ball-catch mounted directly on the armature plate with the slide in ABS on the striking plate</u></p> <p>Art. + CS <u>Solenoid bolt for pin key inserted available backsets 27, 32 and 37)</u></p> <p>Art. + PK <u>Solenoid bolt prepared to accept the swiss round cylinder 22mm diam. Only available in backset 35mm - supplied without cylinder</u></p> <p>Extra charge: mm 60</p> <p>Packaging: solenoid bolt, armature plate, cylinder screw and connector</p>	



Art.

Description

COVER FOR VERTICAL ELECTRIC BOLT TO BE APPLIED IN CYLINDER / CYLINDER AND HANDLE VERSION

Electric bolt cover and strike plate in black painted steel

Cover dimensions for electric bolt: mm 340 x 46 x 27

Cover dimensions for strike plate: mm 340 x 30 x 27

0230930DX

Right-hand

0230930SX

Left-hand

Identify whether right or left hand according to the table at the bottom of the page

Available sizes: mm 30



STRIKE PLATE FOR ELECTRIC BOLTS PRIMA AND CLASSICA SERIES

Supplied as standard in the packaging of electric bolts series 246, 248, 256, 258, 268, 278, OP:

Dimensions: mm 150 x 25 x 3

02258D

Stainless steel strike plate with magnet

02258DSA

Stainless steel strike plate with magnet and anti-rebound ball

02259

Stainless steel strike plate

02259SA

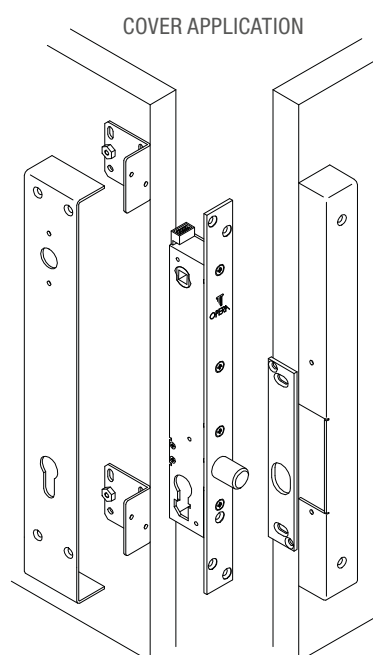
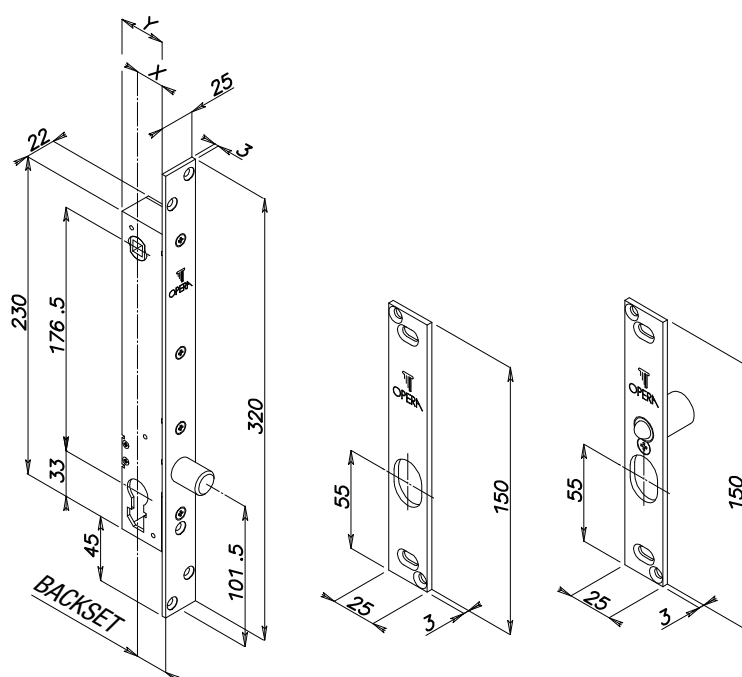
Stainless steel strike plate with anti-rebound ball

CHART TO IDENTIFY THE HAND OF THE CARTER

R	L	R	L
L	R	L	R

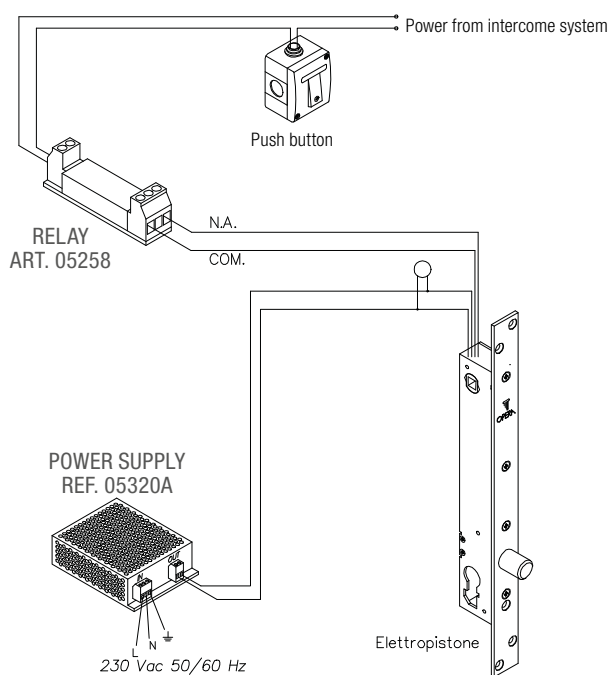
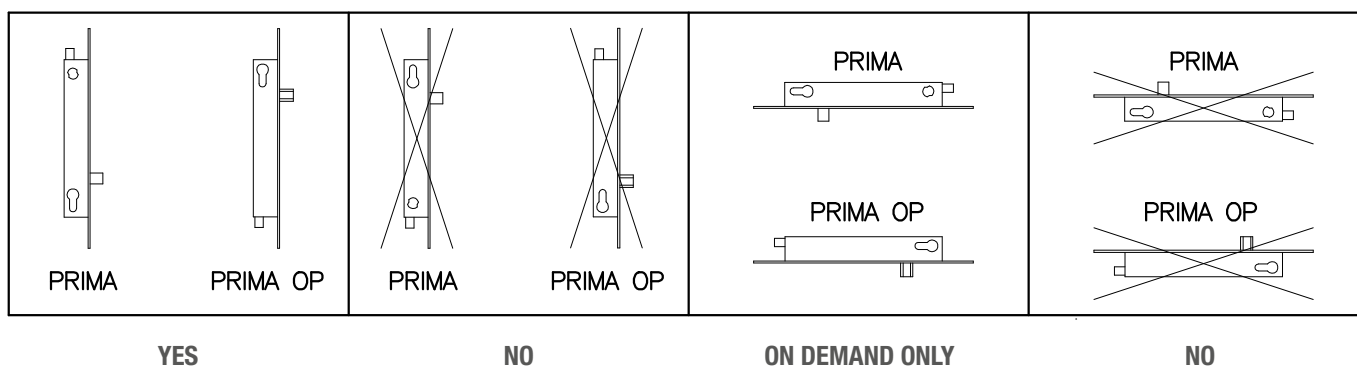
BOLT COVER STRIKING PLATE COVER

VERTICAL ELECTRIC BOLTS PRIMA BASE SERIES



BACKSET	X	Y
25	22	35
30	27	40
35	32	45
60	57	70

SOLENOID BOLT MOUNTING



Art.

Description

SOLENOID BOLT FOR SINGLE DOOR**(Spare parts - Interchangeable with Corni type solenoid locks)**

Mechanical opening with European type cylinder

(cylinder with internal knob not usable)

Striking plate in stainless steel (mm) 320 x 25 x 3

Armature plate in stainless steel (mm) 150 x 25 x 3 with alignment magnet

Deadbolt in anti-cutting hardened steel with mechanical block in closed position

Deadbolt dimensions (mm): extension 20, diameter 18 x 14

Operating voltage: from 10 to 30 Vdc

Absorbed current: 2.5/3 A peak - 130/230 mA for permanent maintenance with electronic control

Internal microprocessor control electronics

Rapid plug-in connector

Ready for interlocking connection of 2 or more doors

N.O. Opening control

Deadbolt position contact C. / N.O. / N.C

Opto-electronic bolt position control

Magnetic door position sensor

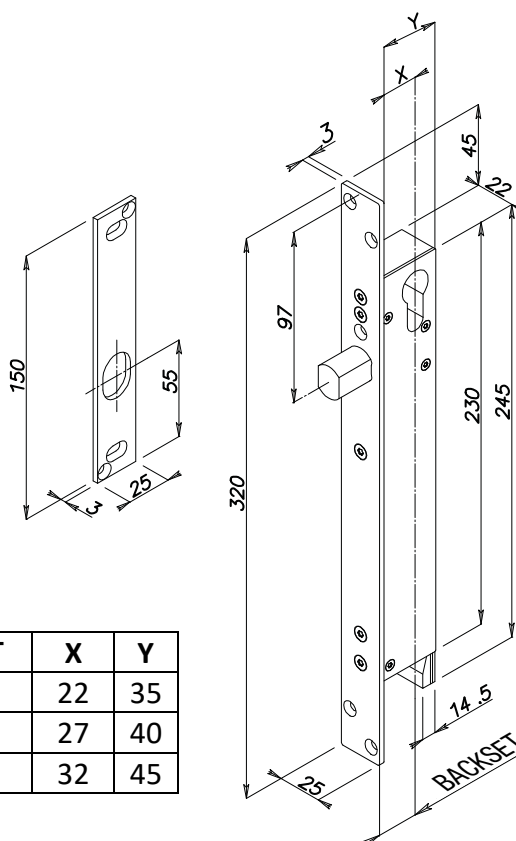
Push buttons for monitoring and adjustment of relocking times from 0-5 seconds upon approach of the door and from 0-60 seconds if the door is not opened

The timings can be disabled for use of the solenoid bolt with external control electronics

OP55036

**OP55036**Fail unlocked deadbolt open without power**OP55038**Fail locked deadbolt closed without power**Backsets available (mm): 25 - 30 - 35****Packaging:** solenoid bolt, armature plate, cylinder screw and connector

OP55038



BACKSET	X	Y
25	22	35
30	27	40
35	32	45

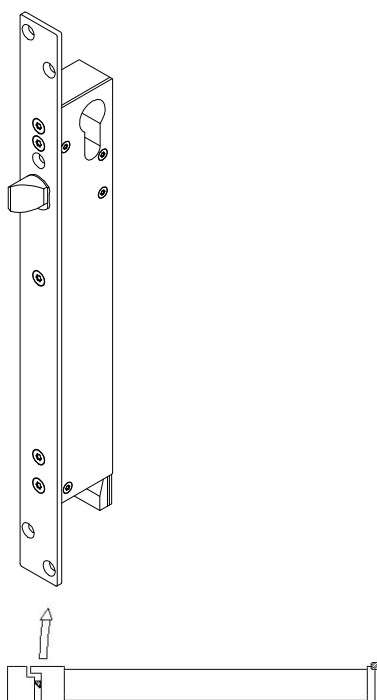
VERTICAL FAIL LOCKED / FAIL UNLOCKED SOLENOID BOLTS WITH LATCH PRIMA OP SERIES



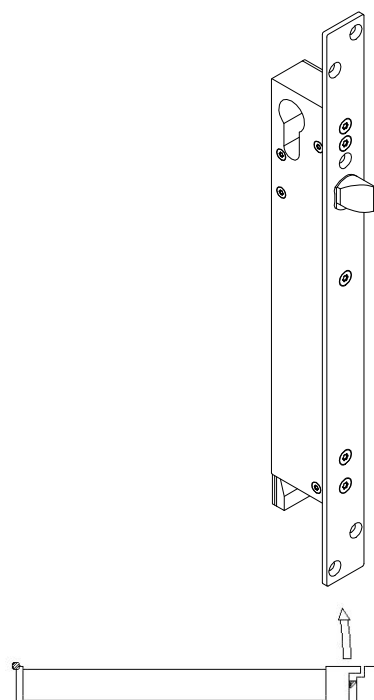
Art.	Description
	FAIL LOCKED / FAIL UNLOCKED SOLENOID BOLT FOR SINGLE DOOR (Spare parts - Interchangeable with Corni type solenoid locks) Mechanical opening with European type cylinder (cylinder with internal knob not usable) Striking plate in stainless steel (mm) 320 x 25 x 3 Armature plate in stainless steel (mm) 150 x 25 x 3 Latch in anti-cutting hardened steel not reversible (indicate the opening hand - see drawing below) Latch dimensions (mm): 16, diameter 18 x 14 Operating voltage: from 10 to 30 Vdc Absorbed current: 2.5/3 A peak - 130/230 mA for permanent maintenance with electronic control Internal microprocessor control electronics Rapid plug-in connector N.O. Opening control Monitored latch position contact C. / N.O. / N.C. (only for OP55039) Opto-electronic Monitored latch position control Push buttons for monitoring and adjustment of the relocking times from 0-60 seconds The timing can be disabled for use of the solenoid bolt with external control electronics
OP55039.1	<u>Fail secure - Right hand</u>
OP55039.2	<u>Fail secure - Left hand</u>
OP5503910.1	<u>Fail safe - Right hand</u>
OP5503910.2	<u>Fail safe - Left hand</u>
	Backsets available (mm): 25 - 30 - 35 Packaging: solenoid bolt, armature plate, cylinder screw and connector

HANDING

RIGHT



LEFT





Art.	Description
	<p>SOLENOID BOLT FOR INTERLOCKING DOORS Mechanical opening with European type cylinder (cylinder with internal knob not usable) Mechanical opening with European type cylinder (cylinder with internal knob not usable) Striking plate in stainless steel (mm) 440 x 30 x 4 Armature plate in stainless steel (mm) 440 x 25 x 4 with alignment magnet Deadbolt in anti-cutting hardened steel with mechanical block in closed position Anti-rebound ball-catch mounted directly on the Armature plate with the slide in ABS on the solenoid lock striking plate Deadbolt dimensions (mm): extension 23, diameter 22 Version with handle frame backset with 85 mm. cylinder hole For lock body dimensions see page 145 Operating voltage: from 10 to 30 Vdc Absorbed current: 3 A peak - 130/230 mA for permanent maintenance with electronic control Internal microprocessor control electronics Rapid plug-in connector Ready for interlocking connection of 2 or more doors</p> <p>N.O. Opening, Block, Emergency and Alarm Reset Controls Deadbolt position contact C. / N.O. / N.C Door position contact N.O. for the Open / Closed monitoring function or for use on an external door alignment sensor Open Collector Alarm contact for Prolonged Opening from 0 to 120 seconds, Fault, Emergency, simultaneous Opening of 2 or more doors if in interlocked configuration Opto-electronic bolt position control - Magnetic door position sensor Push buttons for monitoring and adjustment of relocking times from 0-5 seconds upon approach of the door and from 0-60 seconds if the door is not opened The timings can be disabled for use of the solenoid bolt with external control electronics Push button for monitoring and adjustment of the Prolonged Door Open Alarm trigger (function can be disabled)</p> <p>Fail unlocked deadbolt open without power: 2462030 <u>Without handle frame</u> 2462830 <u>With handle frame (mm) 8</u></p> <p>Fail locked deadbolt closed without power: 2482030 <u>Without handle frame</u> 2482830 <u>With handle frame (mm) 8</u></p> <p>Backset available (mm): mm 30 Compliance: EN12209 grade 7 burglar Packaging: solenoid bolt, armature plate, cylinder screw and connector</p>

VERTICAL SECURITY SOLENOID LOCKS PRIMA MAXI SERIES

Art.	Description
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SOLENOID BOLT FOR SINGLE DOOR

Mechanical opening with European type cylinder

(cylinder with internal knob not usable)

Striking plate in stainless steel (mm) 440 x 30 x 4

Armature plate in stainless steel (mm) 440 x 25 x 4 with alignment magnet

Deadbolt in anti-cutting hardened steel
with mechanical block in closed position

Anti-rebound ball-catch mounted directly on the Armature plate with the

slide in ABS on the solenoid lock striking plate

Deadbolt dimensions (mm): extension 23, diameter 22

Version with handle frame backset with 85 mm. cylinder hole

For lock body dimensions see below

Operating voltage: from 10 to 30 Vdc

Absorbed current: 3 A peak - 130/230 mA for permanent maintenance with
electronic control

Internal microprocessor control electronics

Rapid plug-in connector

Ready for interlocking connection of 2 or more doors

N.O. Opening control

Deadbolt position contact C. / N.O. / N.C

Opto-electronic bolt position control

Magnetic door position sensor

Push buttons for monitoring and adjustment of relocking times from 0-5
seconds

upon approach of the door and from 0-60 seconds if the door is not opened

The timings can be disabled for use of the solenoid bolt with external control
electronics

Fail unlocked deadbolt open without power:

2562030

Without handle frame

2562830

With handle frame (mm) 8

Fail locked deadbolt closed without power:

2582030

Without handle frame

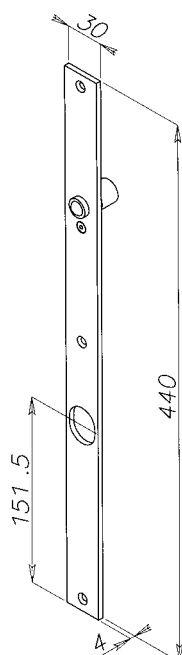
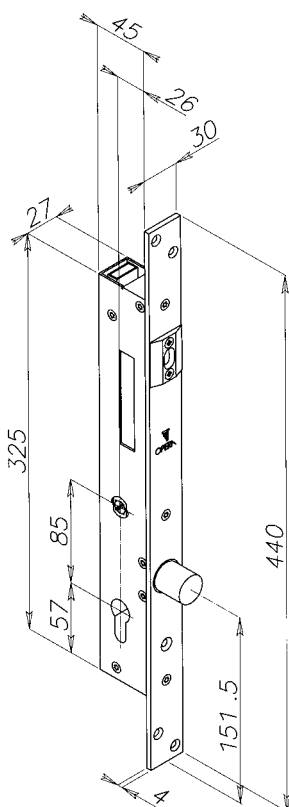
2582830

With handle frame (mm) 8

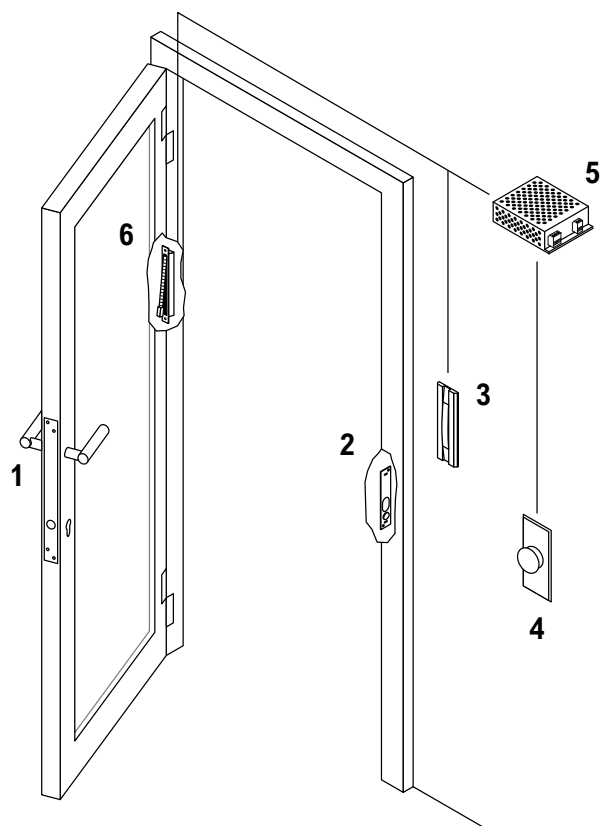
Backset available (mm): mm 30

Compliance: EN12209 grade 7 burglar

Packaging: solenoid bolt, armature plate, cylinder screw and connector



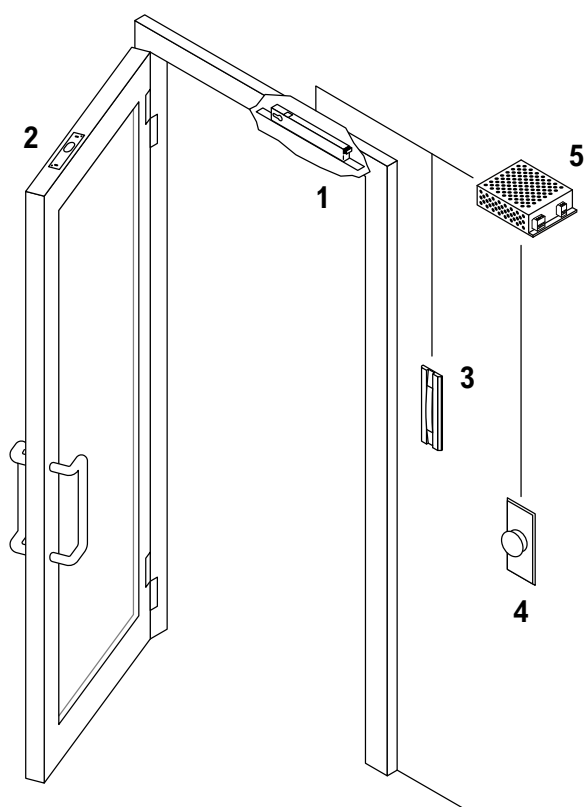
CLOSING SYSTEM WITH PRIMA SERIE SOLENOID LOCK



LEGENDA

- 1 Security solenoid lock
- 2 Striking plate
- 3 Indicator lamps
- 4 Opening button
- 5 Power supply
- 6 Concealed lead cover

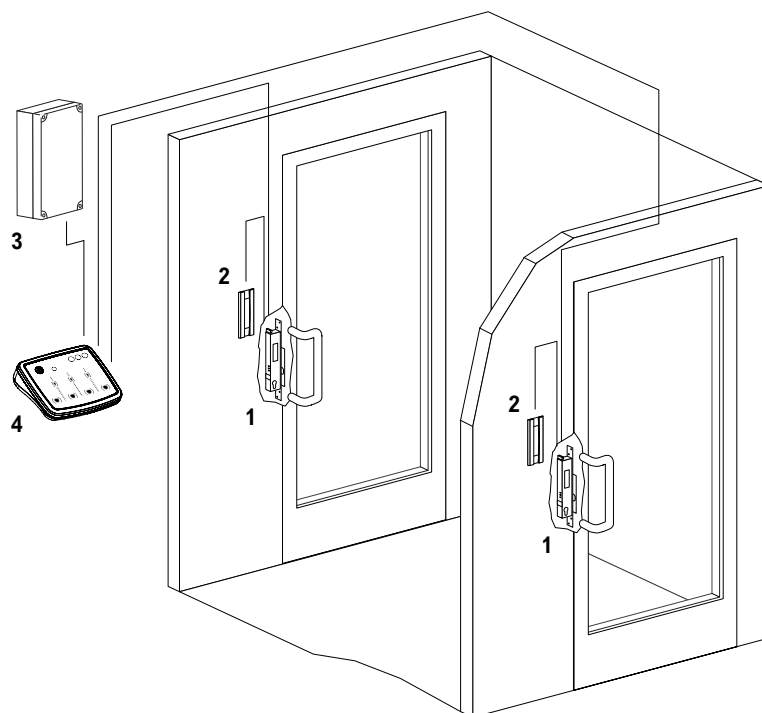
CLOSING SYSTEM WITH PRIMA SERIE SOLENOID LOCK MOUNTED ON THE FRAME



LEGENDA

- 1 Security solenoid lock
- 2 Striking plate
- 3 Indicator lamp
- 4 Opening button
- 5 Power supply

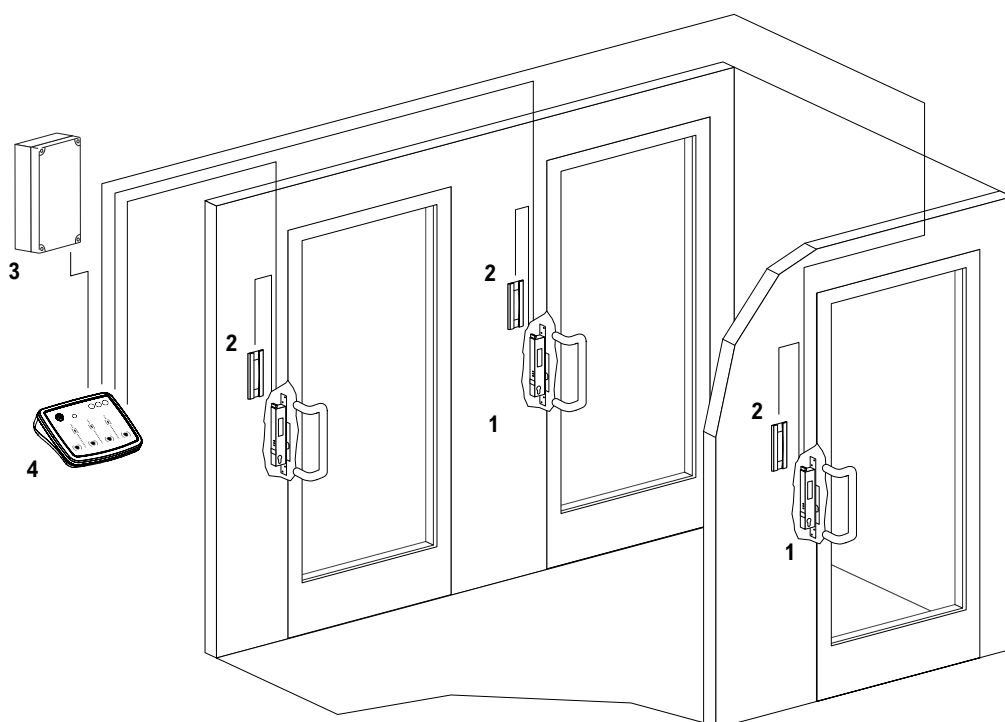
TWO DOORS INTERLOCKING SYSTEM WITH PRIMA SERIE SOLENOID LOCKS



LEGENDA

- 1 Solenoid Bolt
- 2 Indicator lamps
- 3 Power Supply
- 4 Desktop Console

THREE DOORS INTERLOCKING SYSTEM WITH PRIMA SERIE SOLENOID LOCKS



LEGENDA

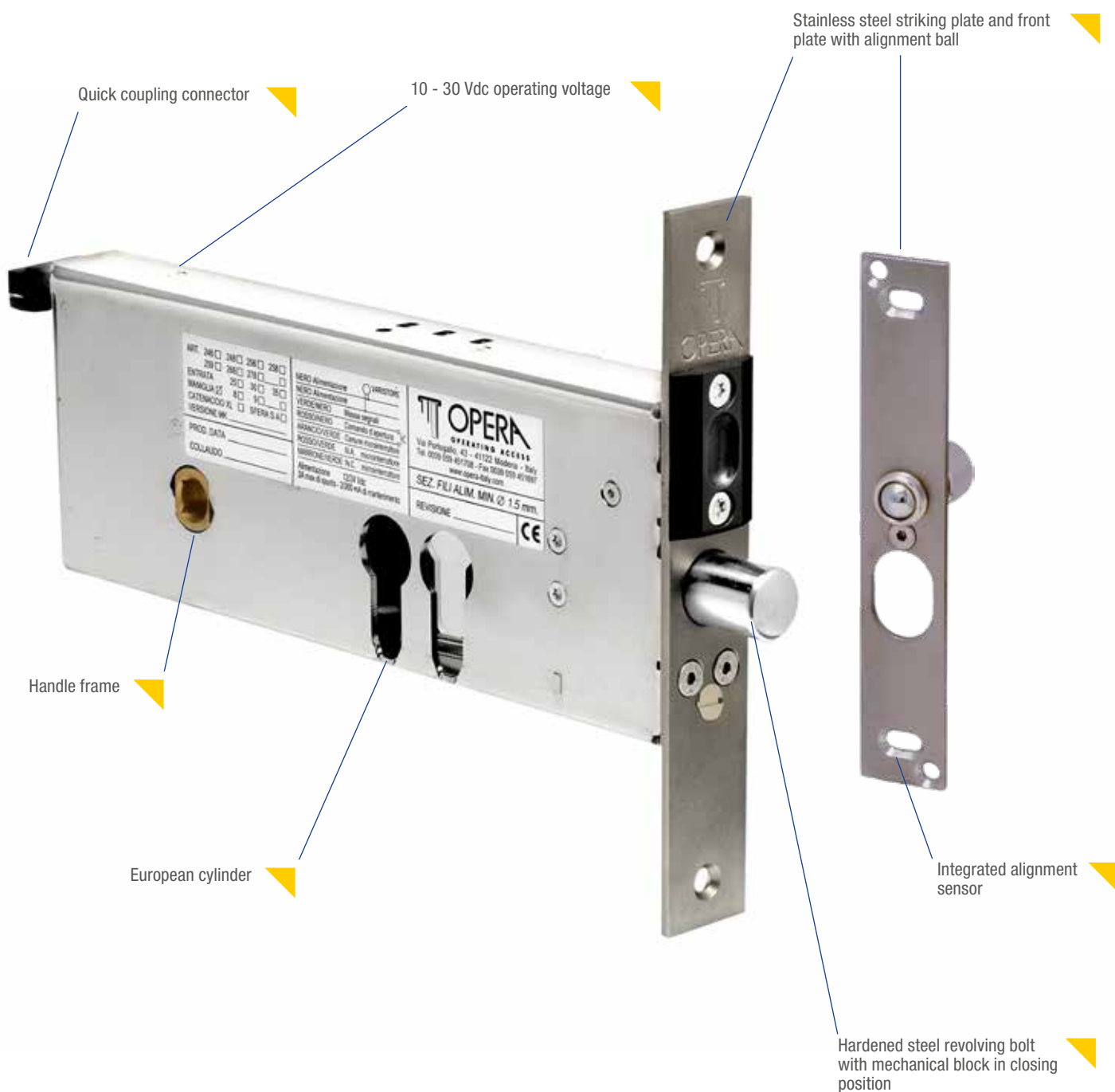
- 1 Solenoid Bolt
- 2 Indicator lamps
- 3 Power Supply
- 4 Desktop Console



CLASSICA

- ▶ SECURITY SOLENOID LOCK
- ▶ ANTI CUTTING AND ANTI BREAKING AND ENTERING REVOLVING BOLT
- ▶ MANUAL ACTIVATION WITH EUROPEAN CYLINDER AND HANDLE
- ▶ FOR AN INTENSIVE AND CONTINUOUS USE
- ▶ IDEAL FOR ALUMINIUM OR STEEL DOORS, SINGLE OR INTERLOCKED CONFIGURATION





PLUS

- ▶ Horizontal security solenoid lock for emergency exits
- ▶ Hardened steel revolving bolt with mechanical block in closing position
- ▶ Fail secure deadbolt version without power
- ▶ High resistance to breaking and entering
- ▶ Mechanical opening with European cylinder or handle
- ▶ Automatic closing with adjustable timings

INTERNAL OPENING



EXTERNAL OPENING



PLUS EXAMPLE

- Horizontal security solenoid lock for emergency exits
- Insertion on the door
- Single door operating system (condominiums, offices, companies.)
- Interlocked doors operating system (banks, jewelries, corporations)
- To be matched with intercom and access control systems



Art.

Description



26600



26800SA

SOLENOID BOLT FOR INTERLOCKING SYSTEM

Mechanical opening with European type cylinder

(cylinder with internal knob not usable)

Striking plate in stainless steel (mm) 160 x 25 x 3

Armature plate in stainless steel (mm) 150 x 25 x 3

with magnet adjustable in extension

Revolving bolt in anti-cutting hardened steel with mechanical block in closed position

Deadbolt dimension (mm): extension 20 (25 in the XL version), diameter 16

Lock body dimensions on page 153

Operating voltage: from 10 to 30 Vdc

Absorbed current: 2.5/3 A peak - 130/230 mA for maintenance with electronic control

Internal microprocessor control electronics

Rapid plug-in connector

Ready for interlocking connection of 2 or more doors

N.O. Opening, Block, Emergency and Alarm Reset Controls

Deadbolt position contact C. / N.O. / N.C

Door position contact N.O. for the Open / Closed monitoring function or for use of an external door alignment sensor

Open Collector Alarm contact for Prolonged Opening of the door, Fault, Emergency, simultaneous Opening of 2 or more doors if in interlocked configuration.

Opto-electronic bolt position control

Magnetic door position sensor

Push buttons for monitoring and adjustment of relocking times from 0-5 seconds upon approach of the door and from 0-60 seconds if the door is not opened.

The timings can be disabled for use of the solenoid bolt with external control electronics

Push button for monitoring and adjustment of the Prolonged Door Open Alarm trigger

Fail unlocked deadbolt open without power26600 Without handle frame26608 With handle frame (mm) 8**Fail locked deadbolt closed without power**26800 Without handle frame26808 With handle frame (mm) 8**Backsets available (mm):** 70 and 90 on the same mechanics**Options On request:**Art. + XL Extended deadbolt + 5 mm.Art. + SA Solenoid bolt with anti-rebound ball-catch mounted directly on the Armature plate with the slide in ABS on the striking plate**Packaging:** solenoid bolt, armature plate, cylinder screw and connector

HORIZONTAL SECURITY SOLENOID LOCKS CLASSICA SERIES

Art.	Description
27608	SOLENOID BOLT FOR SINGLE DOOR Mechanical opening with European type cylinder (cylinder with internal knob not usable) Striking plate in stainless steel (mm) 160 x 25 x 3 Armature plate in stainless steel (mm) 150 x 25 x 3 with magnet adjustable in extension Revolving bolt in anti-cutting hardened steel with mechanical block in closed position Deadbolt dimensions (mm): extension 20 (25 in the XL version), diameter 16 Lock body dimensions at the bottom of the page Operating voltage: from 10 to 30 Vdc Absorbed current: 2.5/3 A peak - 130/230 mA for maintenance with electronic control Internal microprocessor control electronics Rapid plug-in connector Ready for interlocking connection of 2 or more doors N.O. Opening control Deadbolt position contact C. / N.O. / N.C Opto-electronic bolt position control Magnetic door position sensor Push buttons for monitoring and adjustment of relocking times from 0-5 seconds upon approach of the door and from 0-60 seconds if the door is not opened. The timings can be disabled for use of the solenoid bolt with external control electronics
27600	Fail unlocked deadbolt open without power:
27608	Without handle frame
	With handle frame (mm) 8
27800	Fail locked deadbolt closed without power:
27808	Without handle frame
	With handle frame (mm) 8
OP54036	Inter-changeable with Corni solenoid bolt:
OP54038	Fail safe - With handle frame (mm) 8
	Fail secure - With handle frame (mm) 8

Backsets available (mm): 70 and 90 on the same mechanics

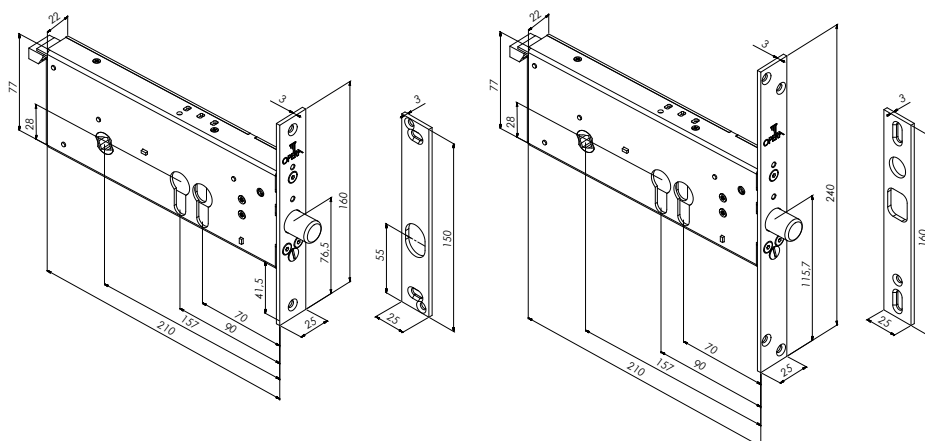
Options On request:

Extended deadbolt + 5 mm.

Solenoid bolt with anti-rebound ball-catch catch mounted directly on the armature plate with the slide in ABS on the striking plate



OP54038



Art.

Description

SOLENOID BOLT FOR SINGLE DOOR

Mechanical opening with European type cylinder

(Cylinder with internal knob not usable)

Front and strike plate in hardened steel

Non-reversible anti-cut bolt in tempered steel

(Indicate the opening direction - see drawings at the bottom of the page)

Bolt dimensions: 16mm in diameter x 14 x 16mm extension

Lock body dimensions: see page 175

Power supply: 10 to 30 Vdc - 2.5/3 A peak

130/230 mA maintenance with electronic control

Internal microprocessor control electronics

Connection via quick-release connector

N.C. Opening command

C./N.O./N.C. Bolt position contact

Opto-electronic control of the bolt position

Buttons for monitoring and adjusting closure times from 0-60 sec. if the door is not opened.

Timings can be disabled for external electrobolt management

Fail secure:

Without Square handle plate right hand

Without Square handle plate left hand

With 8mm square handle - right hand

With 8mm square handle - left hand

Backsets available (mm): 70 and 90 on the same mechanics

With 8mm square handle - right hand

With 8mm square handle - left hand

Solenoid bolt with anti-rebound ball mounted directly on the strike plate with ABS slide on the front (only for series 279)

Packaging: solenoid bolt, armature plate, cylinder screw and connector

02708

CARTER FOR HORIZONTAL SOLENOID LOCK FOR SURFACE FIXING IN CYLINDER / CYLINDER WITH HANDLE VERSION

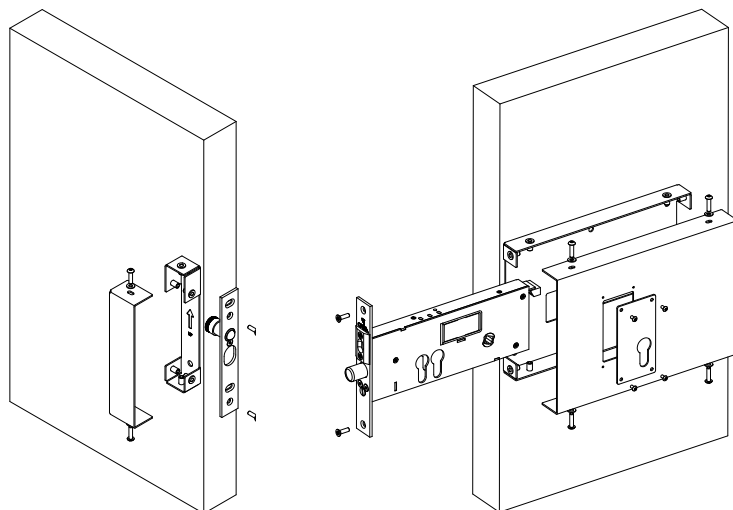
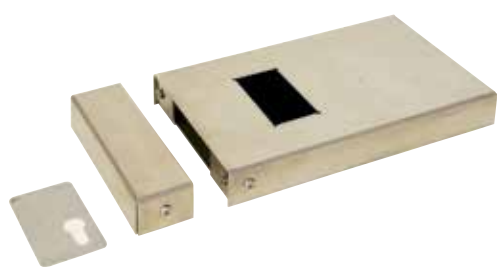
Solenoid and Armature plate carter body in stainless steel

Carter for solenoid lock dimensions (mm): 250 x 165 x 34

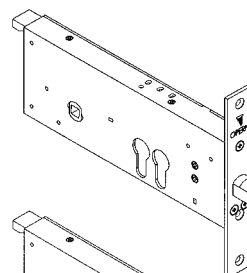
Carter for Armature plate dimensions (mm): 45 x 165 x 34

Reversible hand

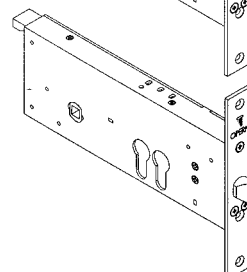
Backsets available (mm): 70 and 90 on the same carter

**HANDING OF THE LOCK**

Right .1



Left .2





Art.	Description
02258D	ARMATURE PLATE FOR PRIMA AND CLASSICA SERIES Normally supplied with solenoid bolt 246, 248, 256, 258, 268, 278, OP: Dimensions: mm 150 x 25 x 3 <u>Armature plate in stainless steel</u>
02258DSA	<u>Armature plate in stainless steel with anti-rebound ball-catch</u>
02259	Normally supplied with solenoid bolt 259, 279: <u>Armature plate in stainless steel</u>
02259SA	<u>Armature plate in stainless steel with anti-rebound ball-catch</u>

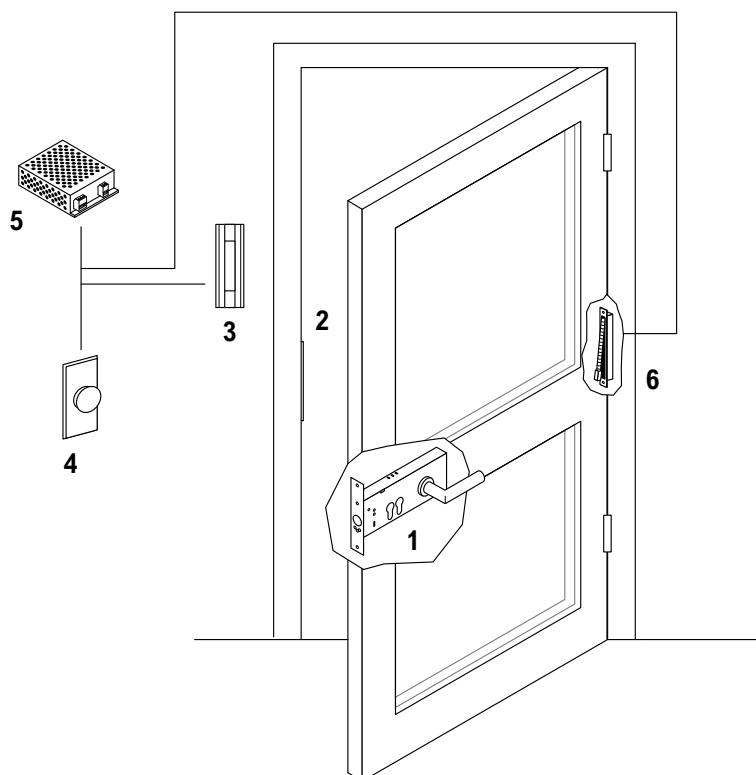


02260D	STRIKING PLATE FOR CLASSICA SERIES SOLENOID LOCKS, SUPPLIED WITH RIM COVER Dimensions: mm 160 x 25 x 3 <u>Armature plate in stainless steel</u>
02260DSA	<u>Armature plate in stainless steel with anti-rebound ball-catch</u>

Standard supplied with the carter package serie Classica art. 02708

APPLICATION EXAMPLES

CLOSING SYSTEM WITH CLASSICA SERIES SOLENOID BOLT



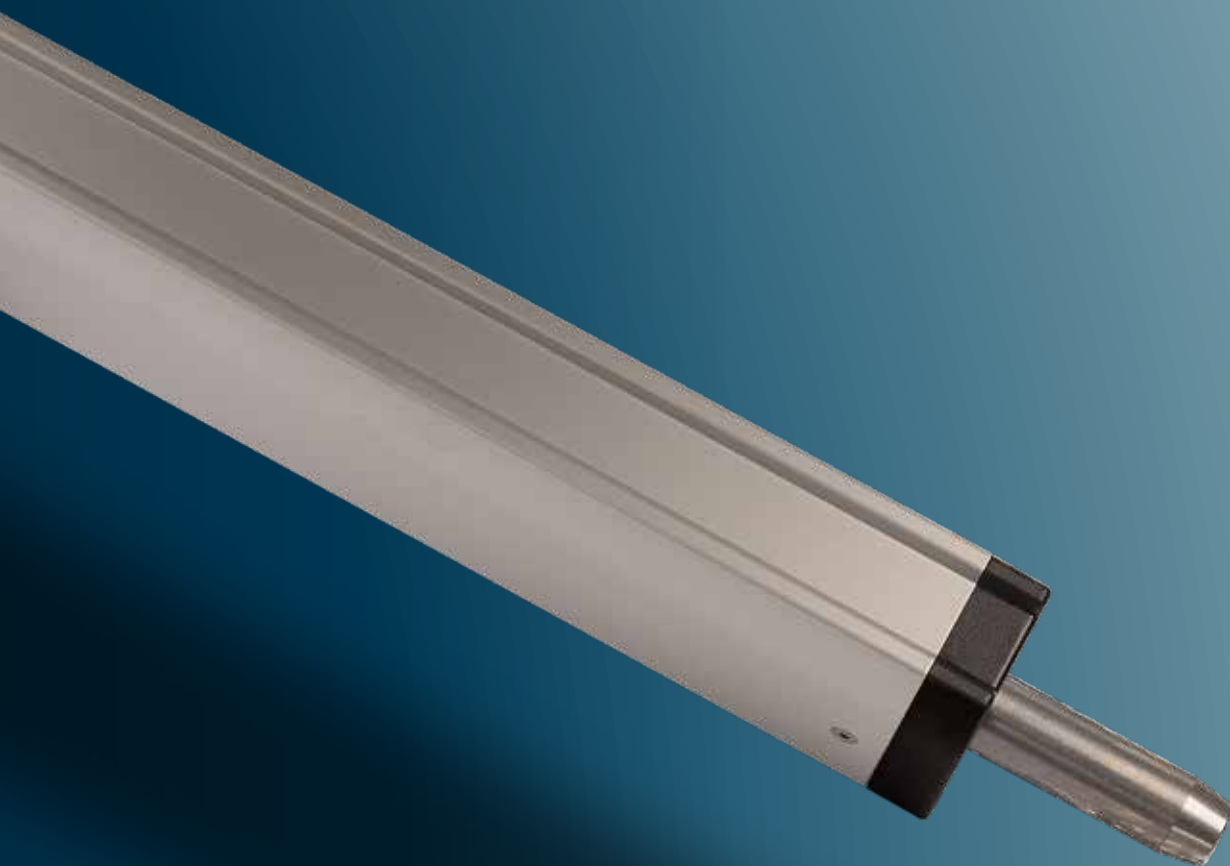
LEGENDA

- 1 Solenoid lock
- 2 Striking plate
- 3 Indicator lamp
- 4 Button
- 5 Power supply
- 6 Lead covers



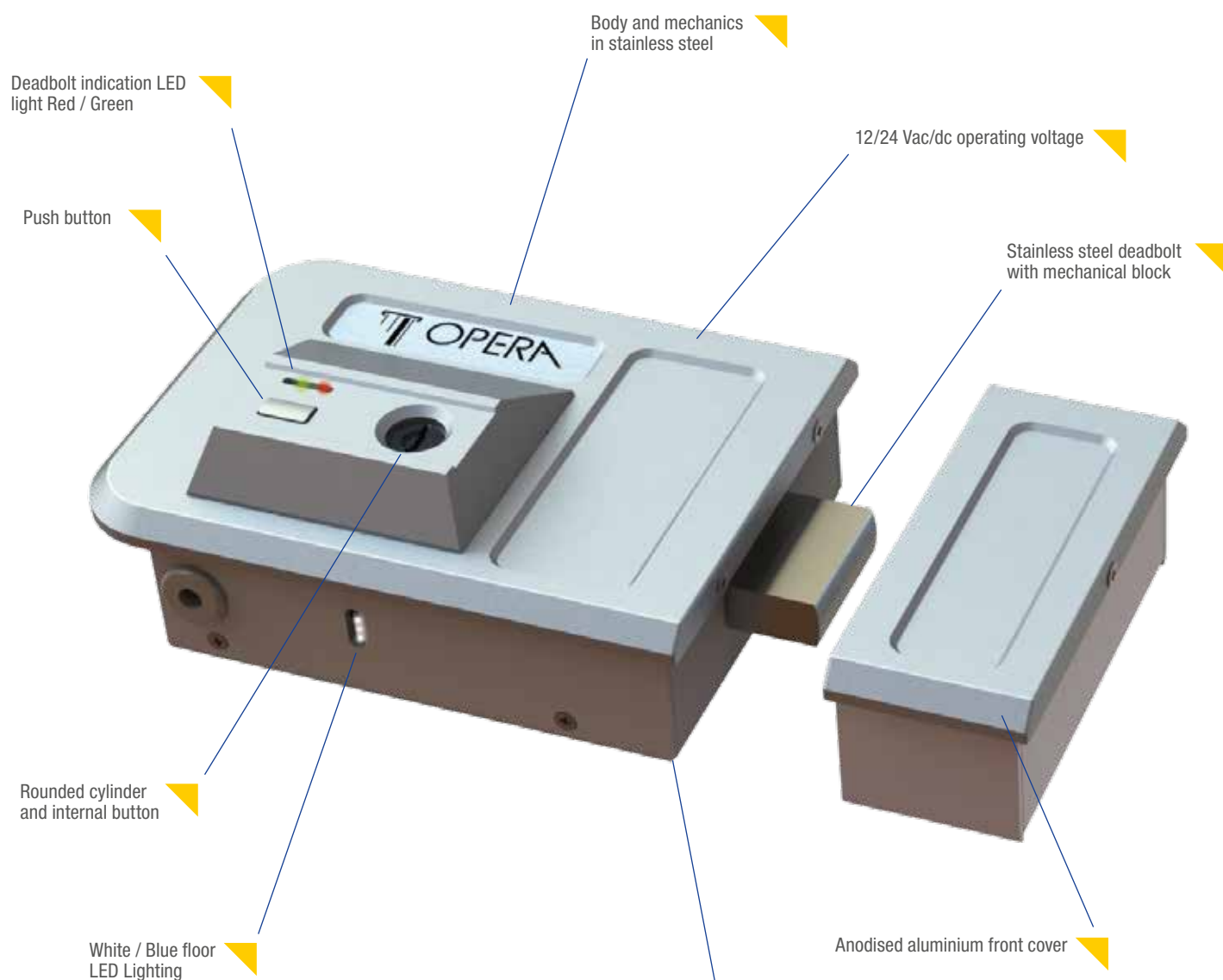
GATE

- ▶ SECURITY SOLENOID LOCKS FOR GARAGES AND AUTOMATIC GATES
- ▶ ANTI CUTTING HARDENED STEEL REVOLVING BOLT WITH MECHANICAL BLOCK IN CLOSING POSITION
- ▶ MANUAL ACTIVATION WITH EUROPEAN CYLINDER
- ▶ ENTIRELY IN STAINLESS STEEL, RESISTANT TO WEATHER CONDITIONS EXPOSURE
- ▶ ACTIVATION THROUGH GATE REMOTE CONTROL



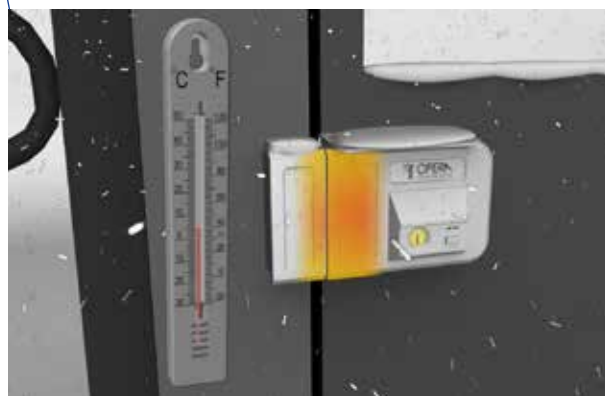
GATE LOCK

www.opera-italy.com



PLUS

- ▶ Rim solenoid lock for gates and doors
- ▶ Fail secure deadbolt without power
- ▶ Resistant to weather conditions
- ▶ Interchangeable with traditional electric locks
- ▶ Automatic deadbolt closing
- ▶ Rounded cylinder with adjustable entry



This feature is automatically activated when temperature drops below 5°C (41°F). The antifreeze protection integrated into the lock body prevents freezing of the mechanical parts, including cylinder

SOLENOID LOCK ON AN EXTERNAL GATE



1



SOLENOID LOCK ON A DOOR



3



4

PLUS EXAMPLE

1. Closed gate
2. Open gate
3. Closed door
4. Open door

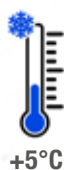




Serie 28001 - 28003
Right hand



Serie 28002



With internal self heating



Art. 00280



Art.

Description

ELECTRIC LOCK FOR GATES AND DOORS

Lock body and strike plate in stainless steel
Lock and strike plate cover in anodized aluminum
Latch closed in the entrance direction.
Mechanical opening from the outside with a round cylinder
Mechanical opening from the inside with versions featuring a cylinder, knob, or button
Adjustable entry: 50mm - 60mm - 70mm - 80mm
Latch in stainless steel, dimensions 35mm x 12mm (extension 25mm)
Anti-burglary device for the latch in the closed position
Power supply: 12/24 Vdc - 12/18 Vac
Current: 1.2 A peak, maintenance 380 mA
Internal microprocessor-based electronic circuit
Opening command at 12 Vac/dc from intercom or via relay
Hall effect sensor for door position
Automatic re-locking after 2 seconds of door contact
Selectable automatic re-locking from 5 to 60 seconds if the door remains unopened
Output relay C./N.O./N.C. for latch status indication (M version only)
Bicolor LED (red/green) for latch status indication (open/closed)
LED in the lower position for nighttime indication, blue in the closed position and white in the open position to illuminate the ground
Suitable for outdoor use, **with internal heating system if the temperature drops below 5 °C**

Supplied with cylinder:

- 28001.1 Internal opening version with chain cylinder - Right hand
- 28001.2 Internal opening version with chain cylinder - Left hand
- 28002.1 Internal opening version with knob - Right hand
- 28002.2 Internal opening version with knob - Left hand
- 28003.1 Internal opening version with key and button - Right hand
- 28003.2 Internal opening version with key and button - Left hand

Optional features:

Art. + SC supply without cylinder (e.g., 28001.150) Specify the type of cylinder used
(Cisa, Iseo, Viro, Feb, Yale)

Art. + N black anodized cover (e.g., 28001.1N)

Art. + M version with remotely controllable latch status relay (e.g., 28001.1M)

Art. + XL latch with increased extension + 10 mm

Art. + XXL latch with increased extension + 20 mm

Art. + P addition of an opening button on Art. 28002 (e.g., 28002.1P)

Art. + CP supplied with flat strike plate (e.g., 28002.1CP)

Art. + DR version with raised internal defender by 5 mm for the insertion of round security cylinders (e.g., 28001.10R)

5mm thick aluminum frame for post-sale conversion of electric locks without 280 series into DR version (accessory)

Silver color

Black color

Use: Security electric lock to be applied to pedestrian gates exposed to the elements and condominium wooden doors.

00280A
00280AN

00282

COVER PLATE

Stainless steel cover plate for mounting the Gate lock on a gate 280 - 281 - 282

00280C
00280S

SPESSORI

Stainless steel spacer (1mm) for 280 series striking plate

Stainless steel spacer (1mm) for lock 280 series

00280UNI

UNIVERSAL ADAPTABILITY STRIKE PLATE

Stainless steel strike plate, 3 mm thick, with universal mounting holes and screw inserts for securing the electric lock series 280. With the base for attaching the strike plate

Use: For installation on the holes of previous electric locks

RIM ELECTRIC LOCK FOR GATES AND EXTERNAL DOORS GATE LOCK SERIES

Art.

Description

CYLINDER FIXING COLLAR (SPARE PART)Fixing collar for CISA-type cylinder, Right handFixing collar for CISA-type cylinder, Left handFixing collar for ISEO type cylinder, Right handFixing collar for ISEO type cylinder, Left handFixing collar for VIRO-type cylinder, Right handFixing collar for VIRO-type cylinder, Left handFixing collar for FEB-type cylinder, Right handFixing collar for FEB-type cylinder, Left handFixing collar for YALE-type cylinder, Right handFixing collar for YALE-type cylinder, Left hand

00280.1D

00280.2D

00280.1E

00280.2E

00280.1F

00280.2F

00280.1G

00280.2G

00280.1H

00280.2H

00171A

ROUND CYLINDER (SPARE PART) FOR SERIES 280Internal and external cylinder for series 290.01 and 28003Supplied with 3 keys

00281.1

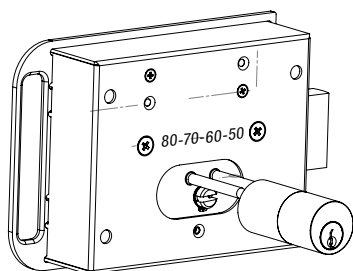
00281.2

00281.1N

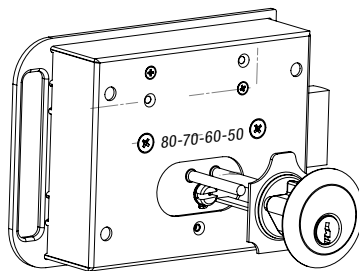
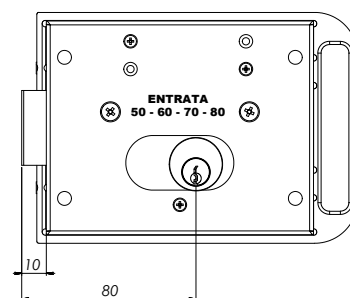
00281.2N

STRIKING PLATE (REPLACEMENT) FOR 280 SERIESRight hand silver front plateLeft hand silver front plateRight hand dark front plateLeft hand dark front plate

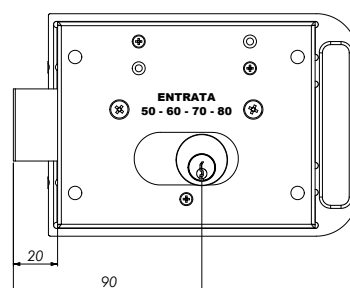
00281CP

FLAT STRIKING PLATE (REPLACEMENT) FOR SERIES 280 - 282Stainless steel striking plate with position magnetDimensions: mm. 110 × 40 × 3

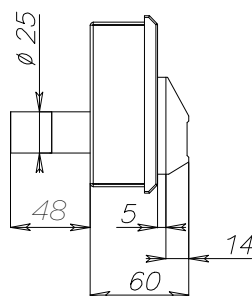
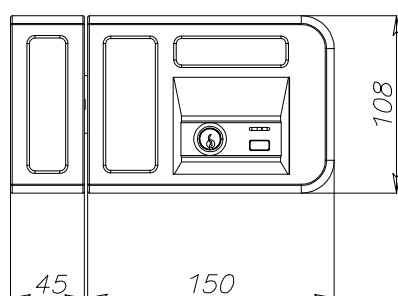
Round cylinder for gate

Installation of a stapled cylinder
(not supplied by us)**BACKSET MM 90 E 100**

Backset 90mm - version XL



Backset 100mm - version XXL





Art.	Description
	ELECTRIC BOLT FOR AUTOMATIC GATES GATE BOLT Version: For surface fixing Lock body in corrosion-treated steel Cover housing in stainless steel (only for versions 28700 and 28710). Body dimensions: mm 300 x 45 x 42 Mechanical opening and closing with European cylinder (through hole from both sides) - Supplied without internal cylinder (mm 30÷10). To identify the length of the double cylinder, refer to the drawings on page 185. Rubber protection for the cylinder hole against atmospheric agents Latch in stainless steel, diameter mm 18 x extension mm 28 (travel mm 25) Anti-burglary device for the latch with "total reaction" block in the closed position (only for version 28700) Output contact C./N.O./N.C. Power supply: 12/24 Vdc (see art. 05332A on page 219)) Current absorbed: 5 A peak, 550 mA maintenance at 12 Vdc 3 A peak, 280 mA maintenance at 24 Vdc
28700	<u>Latch closed in the absence of power - Stainless steel cover plate</u>
28700N	<u>Latch closed in the absence of power - Black painted steel cover</u>
28710	<u>Latch open in the absence of power - Stainless steel cover plate</u>
28710N	<u>Latch open in the absence of power - Black painted steel cover</u>
Art. + VR	On request: Vertical operation version with the latch moving upwards (only for art. 28700 and 28700N) Use: For automatic gates and overhead garage doors.

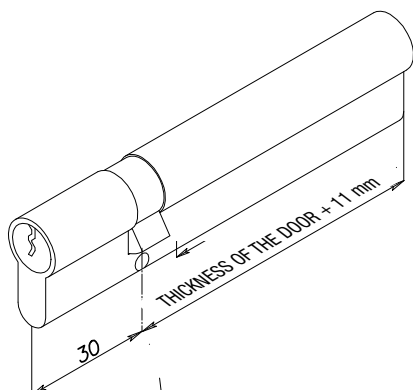
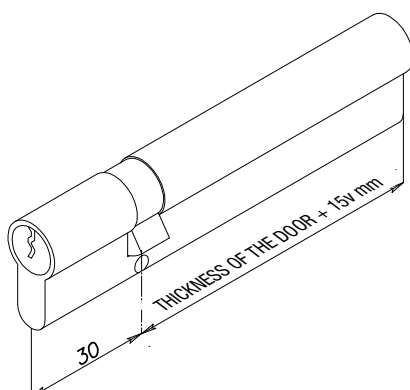


02290

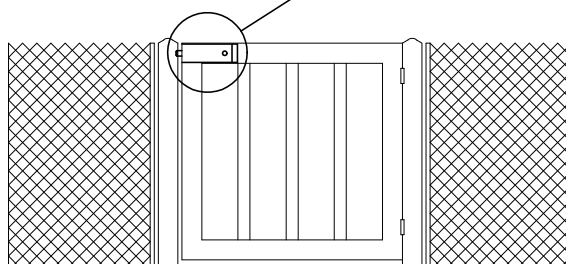
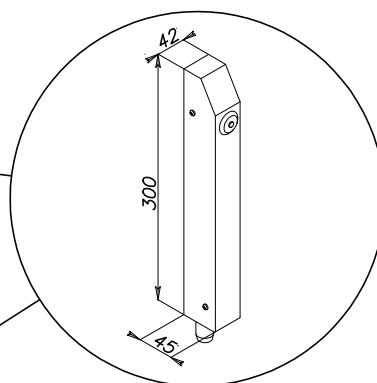
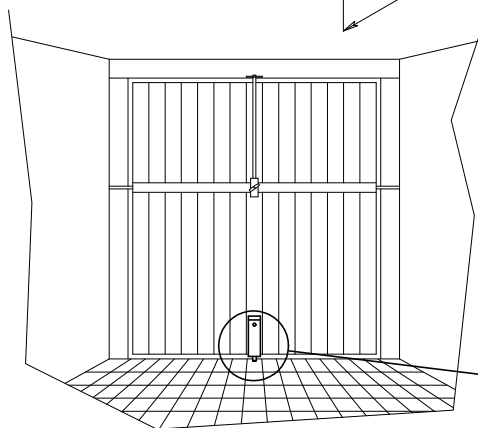
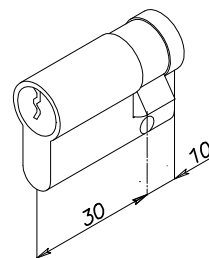
FLOOR STRIKE

Stainless steel striking plate for bolt insertion into the floor.
 For item Art. 28700 - 28710 - 28720 - 28800 and 28800LC
 Dimension : mm 120 diameter x 5mm thickness

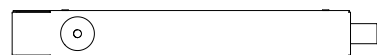
LENGHT OF THE DOUBLE CYLINDER

LENGHT OF THE DOUBLE CYLINDER
AND TAMPER DEFENDER ITEM CODE 02250

LENGHT OF THE HALF CYLINDER

**MOUNTING DRAWING**

Standard

On demand - without
mechanical deadlocking

Standard



+5°C
Internal self heating



Art.	Description
	MOTOR DEADBOLT FOR AUTOMATIC GATES LEGION SERIES Fail locked version - deadbolt closed with no power Lock body in stainless steel, aluminium cover with plastic ends Dimensions: 515 x 41,5 x 57,5 Mechanical opening with Euro-profile cylinder (from both sides) Cylinder not included - stainless steel fixing plate not included To select the length of the cylinder see page 167 - Internal side cylinder length mm 35- 10 Steel made bolt diameter (mm) 18 x extension 55 (stroke 55) Bolt "total reaction" burglar device in closed position C. / N.O. / N.C. output contact Operating voltage: 12 - 30Vdc / 12 - 18Vac Absorbed current 600mA at 12V / 300 mA at 24V Internal self-heating - when temperature drops under 5°C , coil warms-up to avoid freezing Time adjustment: T1 - between 0-5 seconds from re-locking after door opening T2 - between 5-180 seconds if door is not opened T3 - between 1-180 seconds to get an alarm if the door remains open MODE OF OPERATION Automatic mode - opening command by dry contact or electrical impulse and closing controlled by an magnetic sensor Bistable mode - one command to open, one command to close Fail safe function - bolt opens automatically in case of power failure (use item 02295 and a battery)
28720 28720N	<u>Carter in satin anodised finish</u> <u>Carter in black anodised finish</u> Use: high security motor lock for automatic gates. It can be used downward, upward and horizontally
02287	FIXING PLATE Stainless steel plate for mounting the Legion Bolt , mm 515 x 41,5
02290	FLOOR STRIKE Stainless steel striking plate for bolt insertion into the floor. For item 28700 - 28710 - 28720 - 28800 - 28800LC Dimension : mm 120 diameter x 5mm thickness
02291 02291N 02292 02293	RIM MOUNTING STRIKING PLATE Stainless steel body with aluminium cover for 28720 series Dimensionis mm 100 x 57,5 x 41,5 <u>Silver anodised</u> <u>Dark anodised</u> <u>Stainless steel spacer 3 mm</u> <u>Stainless steel spacer 1 mm</u>



Art.

Description

02295

FAIL SAFE CIRCUIT

Box in ABS dimensions mm 50 x 40 x 20

Power 12-18 Vac / 15-24 Vdc - Current Max 5A

Max power absorption 75 W

Stable output 13 Vdc

It must be used with battery 00712 - battery charger

Led indication in case of power failure

Use: Automatic one time opening of the bolt in case of power failure

02250LG

TAMPER DEFENDER

Matt chromium plated body in hardened steel

Dimensions (mm): 90 x 30 x 15

Fixing with through bolt holes from the inside of the door

Usable with cylinders which protrude up to 4 mm

Use: tamper defender for security cylinders

Can be used with all cylinders mounted on Maxima electromechanical locks

**MAGNET FOR DOOR ALIGNMENT**

Neodymium magnet to be applied for signaling the alignment of the door for the automatic closing of the electro-bolt.

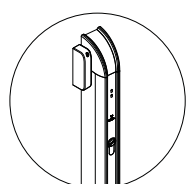
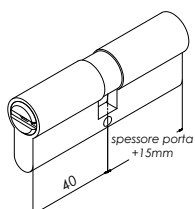
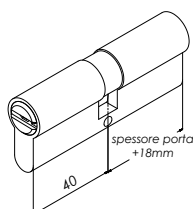
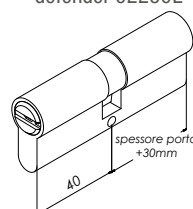
Dimensions: mm 50 x 22 x 16

Cover color: Brown

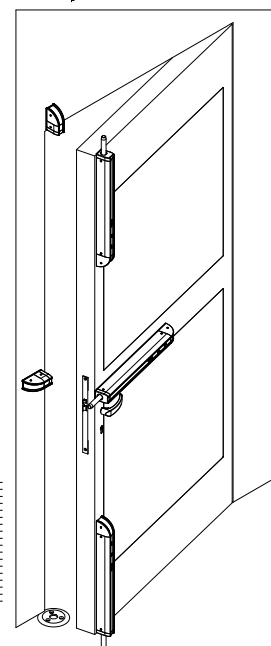
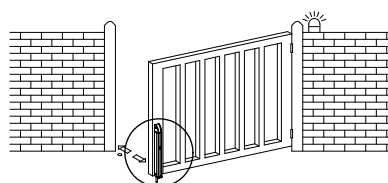
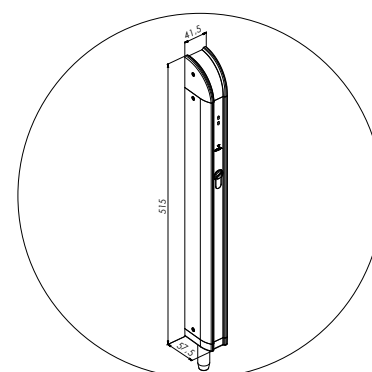
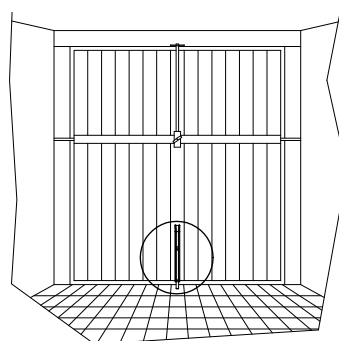
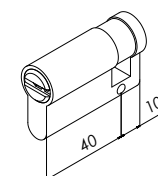
00287B

Cover color: White

00287W

Sensor Position
Left-hand door
leafSensor Position
Right-hand door
leafDouble cylinder length
without fixing plateDouble cylinder length
with fixing plateDouble cylinder length
with fixing plate and
defender 02250L

Half cylinder length





28800
28800LC

Art. + OR
Art + MIC
Art. + W



Internal self heating

Description

SOLENOID LOCK FOR AUTOMATIC GATES

Version: **for surface fixing**

Lock body in stainless steel, aluminium and anti-corrosion treated steel

Casing cover in stainless steel (version 28800)

Casing cover in black painted steel (version 28800LC)

Flat fixing plate in stainless steel to be welded (version 28800)

Dimensions of the body (mm): 335 x 60 x 55

Mechanical opening with Euro-profile cylinder (from both sides)

Provided without cylinder

To select the length of the cylinder see page 189

Rubber weather protection of the cylinder hole

Deadbolt in steel diameter (mm) 20 x extension 60 (stroke 50)

Bolt "total reaction" burglar device in closed position

C. / N.O. / N.C. output contact

Operating voltage : 24 Vdc

Absorbed current 5 A peak, 750/900 mA in standby

Internal self-heating - when temperature drops under 5°C,

coil warms-up to avoid freezing. (standard in 28800 version)

Fail locked version - Deadbolt closed without power

The internal self-heating is standard in 28800, on demand on 28800LC (28800LCW)

Carter in stainless steel with fixing plate item 02288

Carter in black painted steel without fixing plate item 02288

On request:

Solenoid lock for horizontal operation

Solenoid lock with anti-tamper protection and microswitch

Version with internal self-heating on 28800LC

Use: high security solenoid lock for automatic gates

02288

FIXING PLATE FOR GATE LOCK - REPLACEMENT

Flat plate in stainless steel for fixing of solenoid lock item 28800 and 28800LC to the gate.

Supplied in ref 28800



02290

FLOOR STRIKE

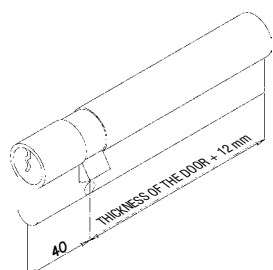
Stainless steel striking plate for bolt insertion into the floor.

For item 28700 - 28710 - 28720 - 28800 - 28800LC

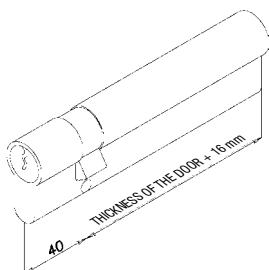
Dimension: mm 120 diameter x 5mm thickness



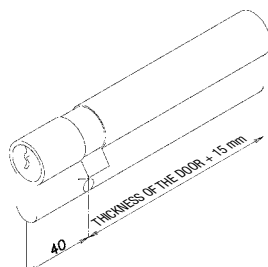
Double cylinder length
without under plate



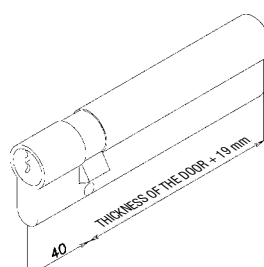
Double cylinder length
without under plate and
tamper defender item code
02250



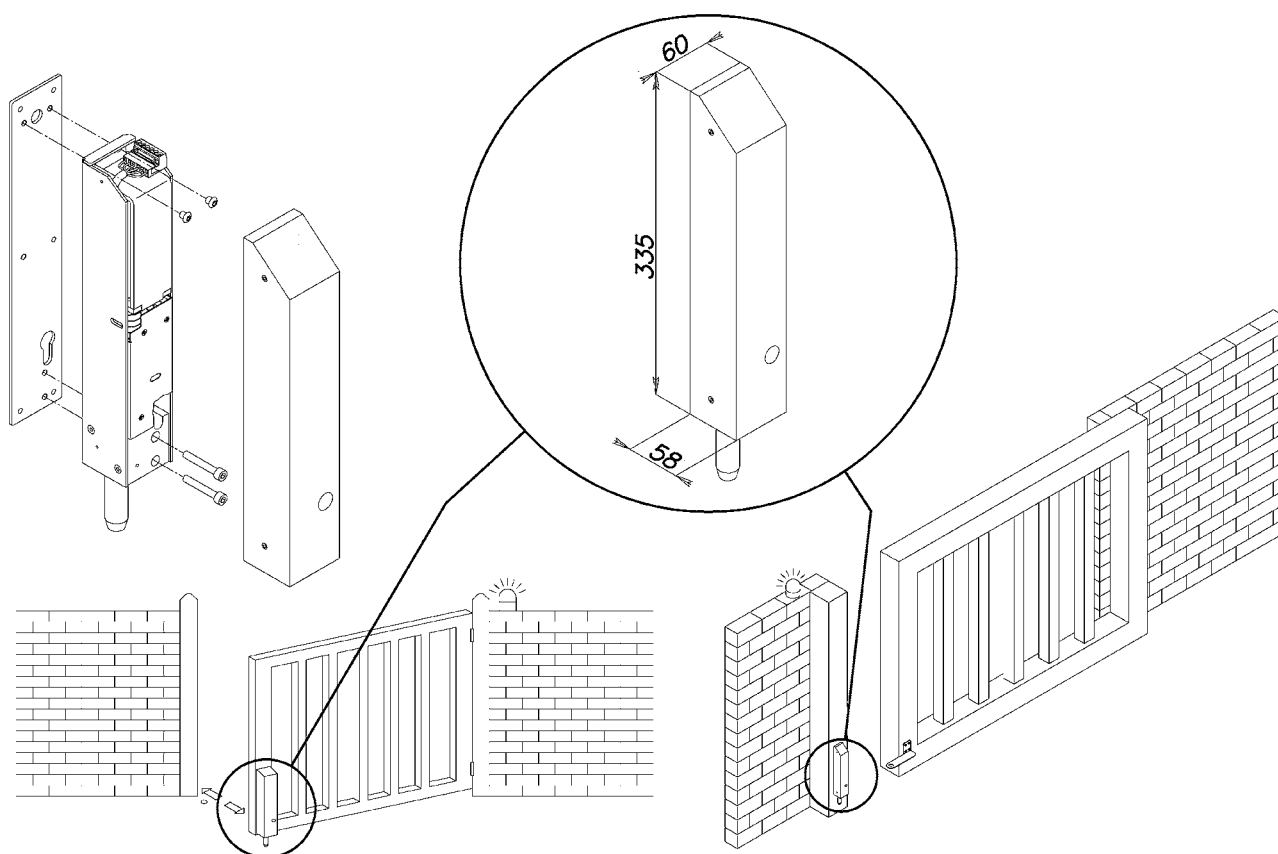
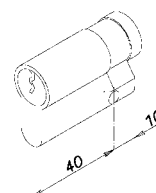
Double cylinder length
with under plate



Double cylinder length with
under plate and tamper
defender item code 02250



Length of the half cylinder



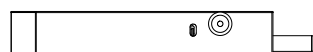
MOUNTING DRAWING



Standard



Not possible



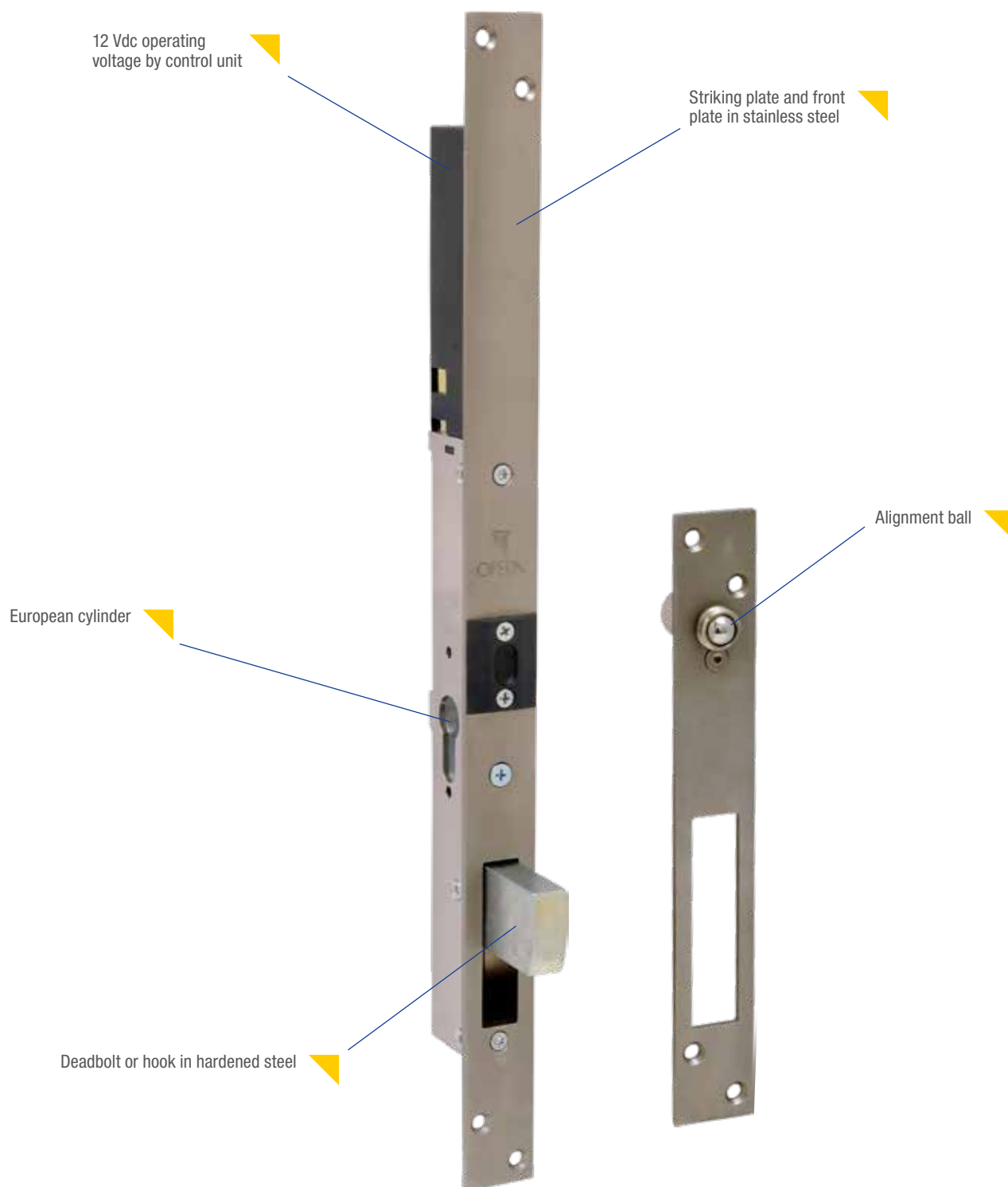
On demand



MAXIMA

- ▶ HIGH SECURITY MOTORISED LOCKS
- ▶ SWINGING DEADBOLT WITH ANTI CUTTING MECHANICAL BLOCK
- ▶ MANUAL ACTIVATION WITH EUROPEAN CYLINDER
- ▶ HOOK VERSION FOR SLIDING DOORS
- ▶ CONTROL UNIT FOR SINGLE AND INTERLOCKED DOORS





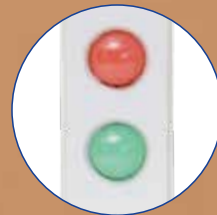
PLUS

- High security motorised lock
- Swinging deadbolt with anti cutting mechanical block in closing position
- Deadbolt hook version for sliding doors
- Quick execution of the opening and closing commands
- High resistance to breaking and entering
- Mechanical opening and closing with European cylinder

INTERNAL OPENING



EXTERNAL OPENING



PLUS EXAMPLE

- 1 Door jamb solenoid lock for reinforced and metal profiles
- 2 Single or interlocked doors management
- 3 Mounting on the frame or the door shutter
- 4 To be matched with intercom and access control systems

Art.	Description
	MOTORISED LOCK Mechanical opening with European type cylinder (Cylinder with internal knob not usable) Striking plate in stainless steel (mm): 440 x 30 x 3 Armature plate in stainless steel with anti-rebound ball-catch (stroke adjustable at exit to 15 mm.): 216 x 30 x 3 mm. Swinging deadbolt in hardened anti-cutting steel (mm) 35 x 14 x extension 40 Lock body dimensions on page 198 Deadbolt mechanical block in closed position Magnetic sensor with N.O. contact for verification of the door position to be inserted on the door frame. Magnet and sensor adjustable in extension up to 25 mm Output cable to the motor unit with rapid plug-in connector Operating voltage: 12 Vdc from control electronics Maximum current consumption 4 A peak with electronic control limiter Maximum activation time: 0.15 seconds Opto-electronic bolt position control 25500 20 Backset (mm): 20 25500 25 Backset (mm): 25 25500 30 Backset (mm): 30 25500 35 Backset (mm): 35 25500 50 Backset (mm): 50 Use: high security solenoid lock for single hinged doors or interlocking systems. Management by control electronics Art. 54250 and 54255.

	MOTORISED LOCK WITH HOOK DEAD BOLT Mechanical opening with European type cylinder (Cylinder with internal knob not usable) Mechanical and electronic characteristics are the same as the previous article except: Swinging hook deadbolt in hardened anti-cutting steel (mm) 35 x 14 x extension 40 25511 20 Backset (mm): 20 25511 25 Backset (mm): 25 25511 30 Backset (mm): 30 25511 35 Backset (mm): 35 25511 50 Backset (mm): 50 Use: high security solenoid lock for single sliding doors or interlocking systems. Management by control electronics Art. 54250 and 54255
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Art.	Description
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OP55011 50

MOTORIZED DEADBOLT ELECTRIC LOCK SWING DOOR

(Replacement for Corni 55011.50 type electric lock)

Mechanical opening with European cylinder

(Cylinder with internal knob not usable)

Front and strike plate in stainless steel with anti-rebound sphere (adjustable outward travel 15 mm)

Swinging deadbolt in hardened anti-cut steel block 35 x 14 mm and extension 40 mm

Mechanical locking of the deadbolt in the closed position

Magnetic sensor with N.C. contact to verify the position of the door leaf to be installed on the door frame.

Magnet and sensor adjustable in extension up to 25 mm

Output cable from the motor unit with quick-connect connector

Power supply: 12 Vdc from management electronics

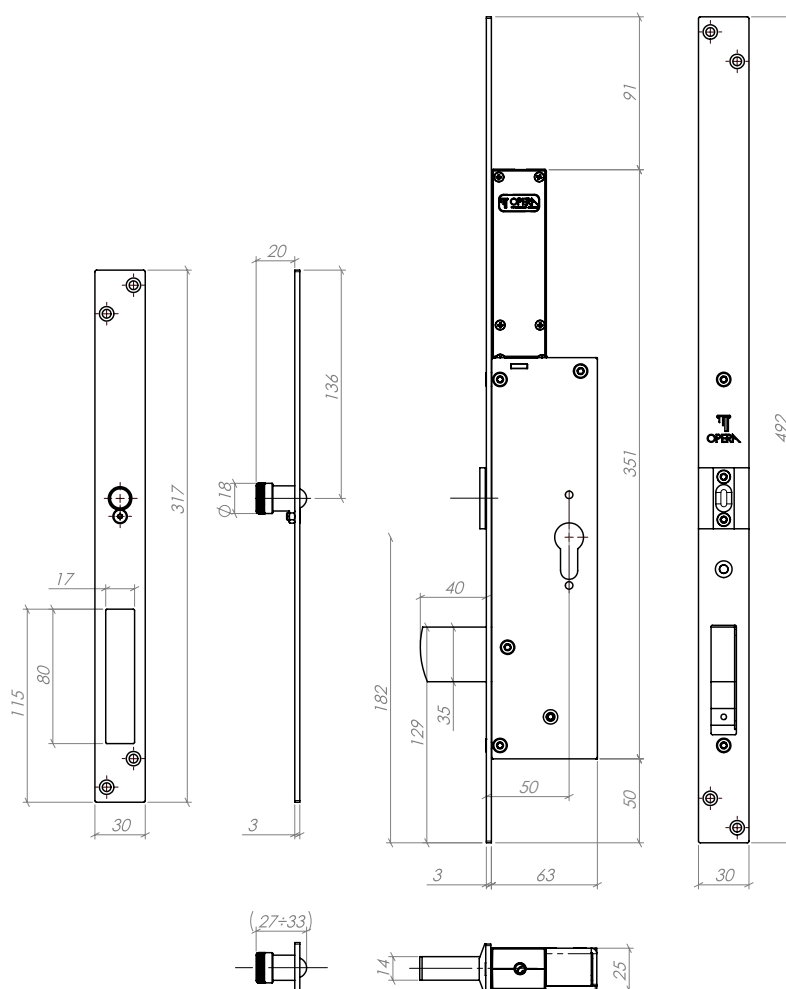
Maximum current absorbed 4 A instantaneously at startup with electronic control limiter

Maximum operating time: 0.15 sec.

Opto-electronic control of the deadbolt position

Use: for single or interlocked doors. Management delegated to electronic control units part no. 54250 and 54255

Backset: mm 50



Art.

Description

54250

ELECTRONIC CONTROL UNIT**For management of one door**

Box in grey ABS, dimensions (mm) 240 × 150 × 48

Operating voltage: 10-12 Vac / 65 V.A, 12 Vdc / 3 A

Absorbed current: 100 mA in stand-by / 4 A at peak of electromechanical lock

Ready for interlocking connection of 2 or more doors

Inputs with N.O. contacts for:

- Opening
- Block or Metal Detector
- Emergency
- Bolt position (opto-electronic)
- Door position

Outputs:

- Double switching relay C./N.O./N.C for deadbolt status signalling and for connection to indicator lamps
- Fault Alarm Open Collector Contact
- Possibility of connection in cascade to interlock several doors with each other (to be connected one for each door to be controlled)
- Automatic relocking after 0.5 seconds (selectable at 1 second) upon approach of the door
- Automatic relocking after 6 seconds (selectable at 13 seconds) if the door is not opened
- Automatic repetition of the command received if not executed in opening with 4 consecutive attempts
- Automatic repetition of the command received if not executed in closing with 4 consecutive attempts
- Electronic control and protection of non-executed command

Use: electronic control unit for timed and/or interlocking management of electromechanical locks Maxima series 25500 and 25511



54255

ELECTRONIC CONTROL UNIT**For management of two doors**

Box in wall mount ABS, dimensions (mm) 300 x 225 x 130

Operating voltage: 230 Vac (internal transformer)

Same electrical and operational characteristics as item 54250 but for management of 2 doors in interlocking configuration

Use: electronic control unit for timed and/or interlocking management of electromechanical locks Maxima series 25500 and 25511



Art.

Description

04925

MOTOR UNIT (SPARE PART)

Use: spare motor unit for motorised locks article 25500 and 25511



02250L

TAMPER DEFENDER

Matt chromium plated body in hardened steel

Dimensions (mm): 90 × 30 × 15

Fixing with through bolt holes from the inside of the door

Usable with cylinders which protrude up to 4 mm

Use: tamper defender for security cylinders

Can be used with all cylinders mounted on Maxima electromechanical locks



02255

ARMATURE PLATE FOR MAXIMA SERIES SOLENOID LOCKS

Armature plate in stainless steel with anti-rebound ball-catch (stroke adjustable at exit to 15) - Dimensions (mm): 216 × 30 × 3



05426

MULTI-POLE CABLE

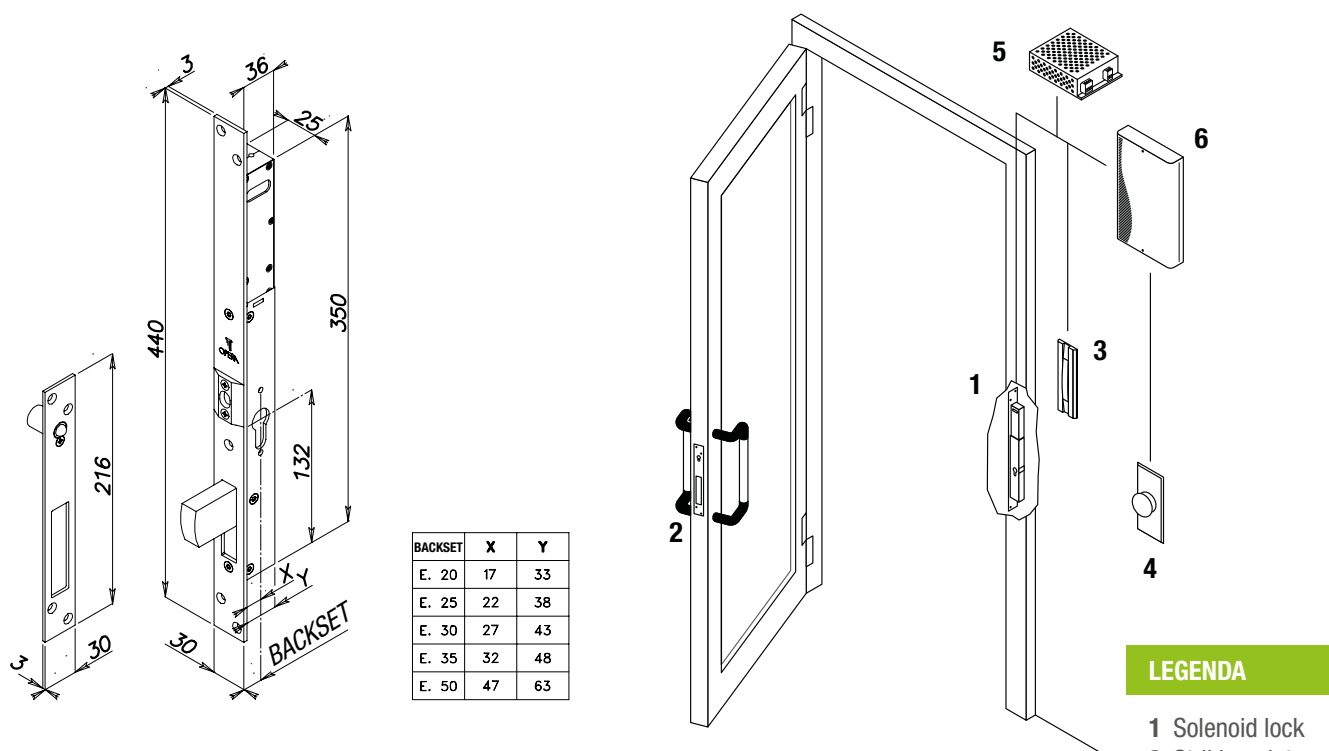
Multi-pole cable 2 x 1 sq mm. + 8 x 0.22 with the same colouring as the cable on the electromechanical lock motor unit

Per metre

Use: cable for systems with electromechanical lock Maxima series 25500 and 25511

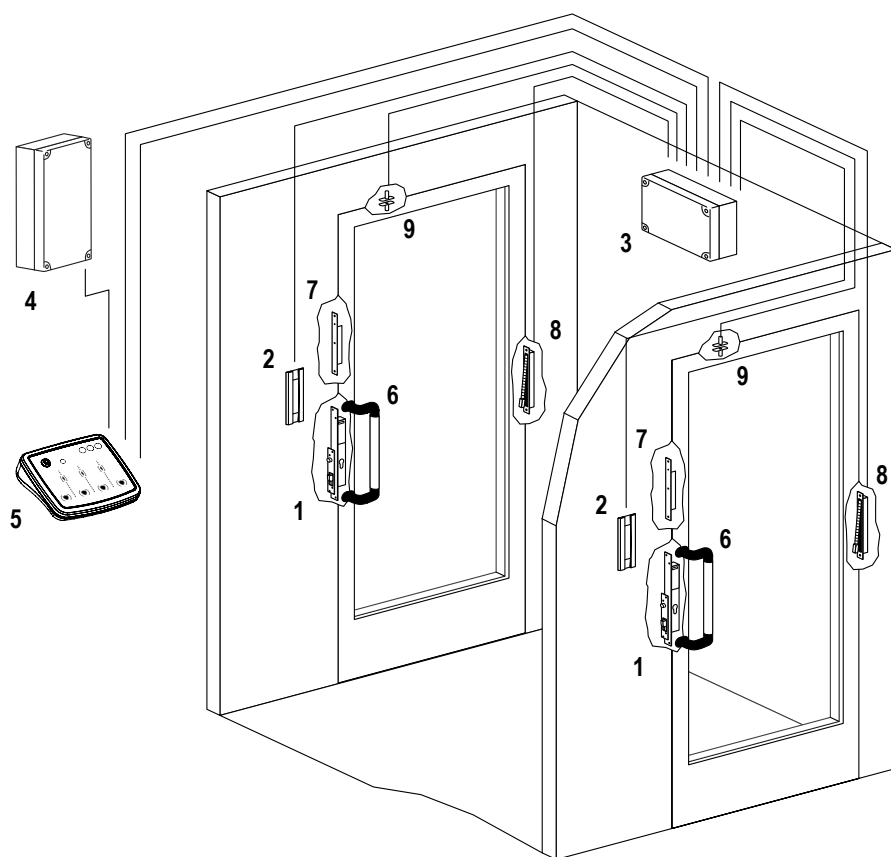


ELECTRONIC CONTROL UNITS FOR MAXIMA MOTOR LOCK



LEGENDA

- 1 Solenoid lock
- 2 Striking plate
- 3 Indicator lamps
- 4 Button
- 5 Power supply
- 6 Control unit



LEGENDA

- 1 Solenoid locks
- 2 Indicator lamps
- 3 Control unit
- 4 Power supply
- 5 Desktop console
- 6 Bars
- 7 Sensitive cards
- 8 Lead covers
- 9 Magnetic sensors

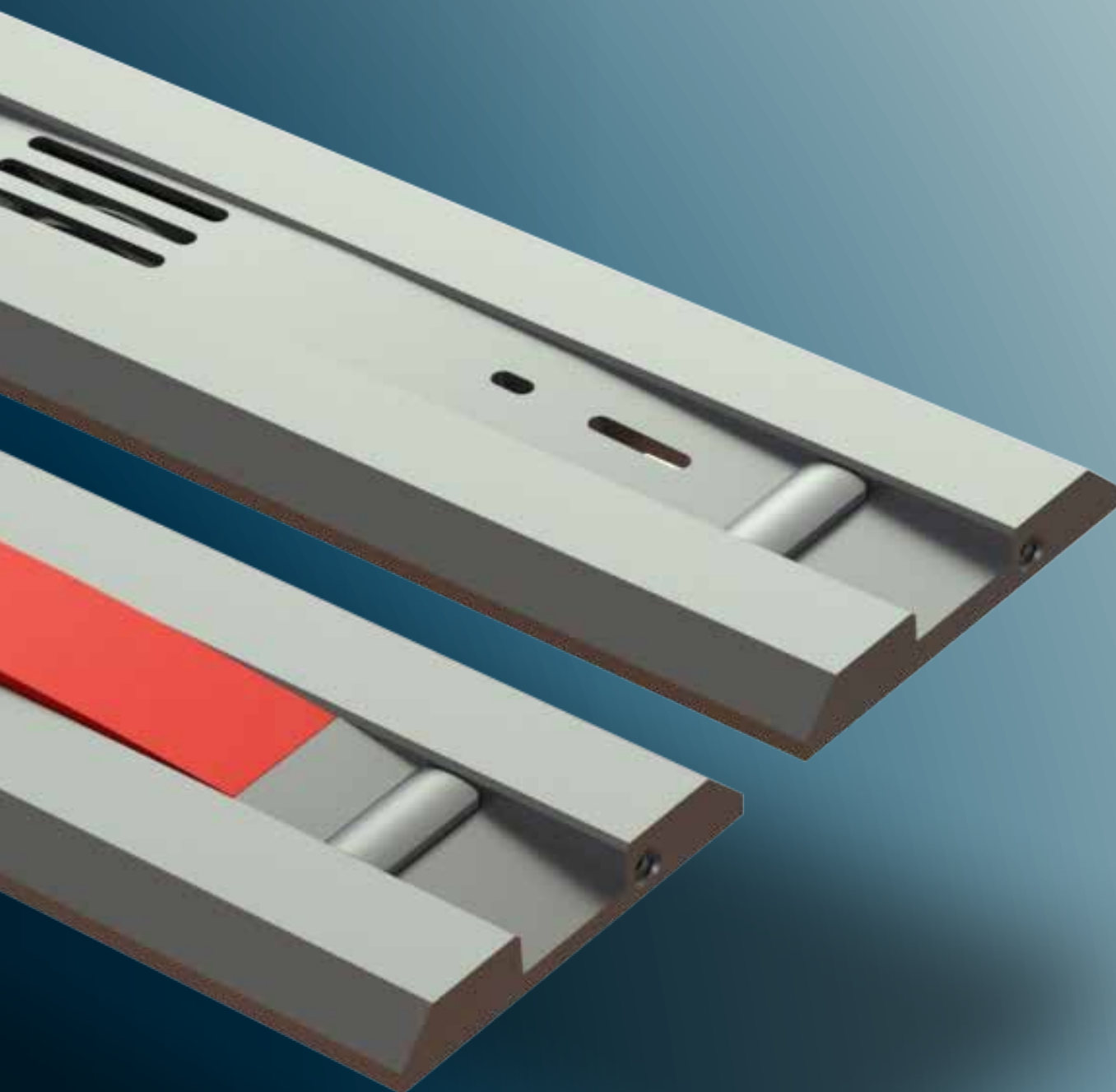
SENSITIVE HANDLES AND SENSITIVE BOARDS

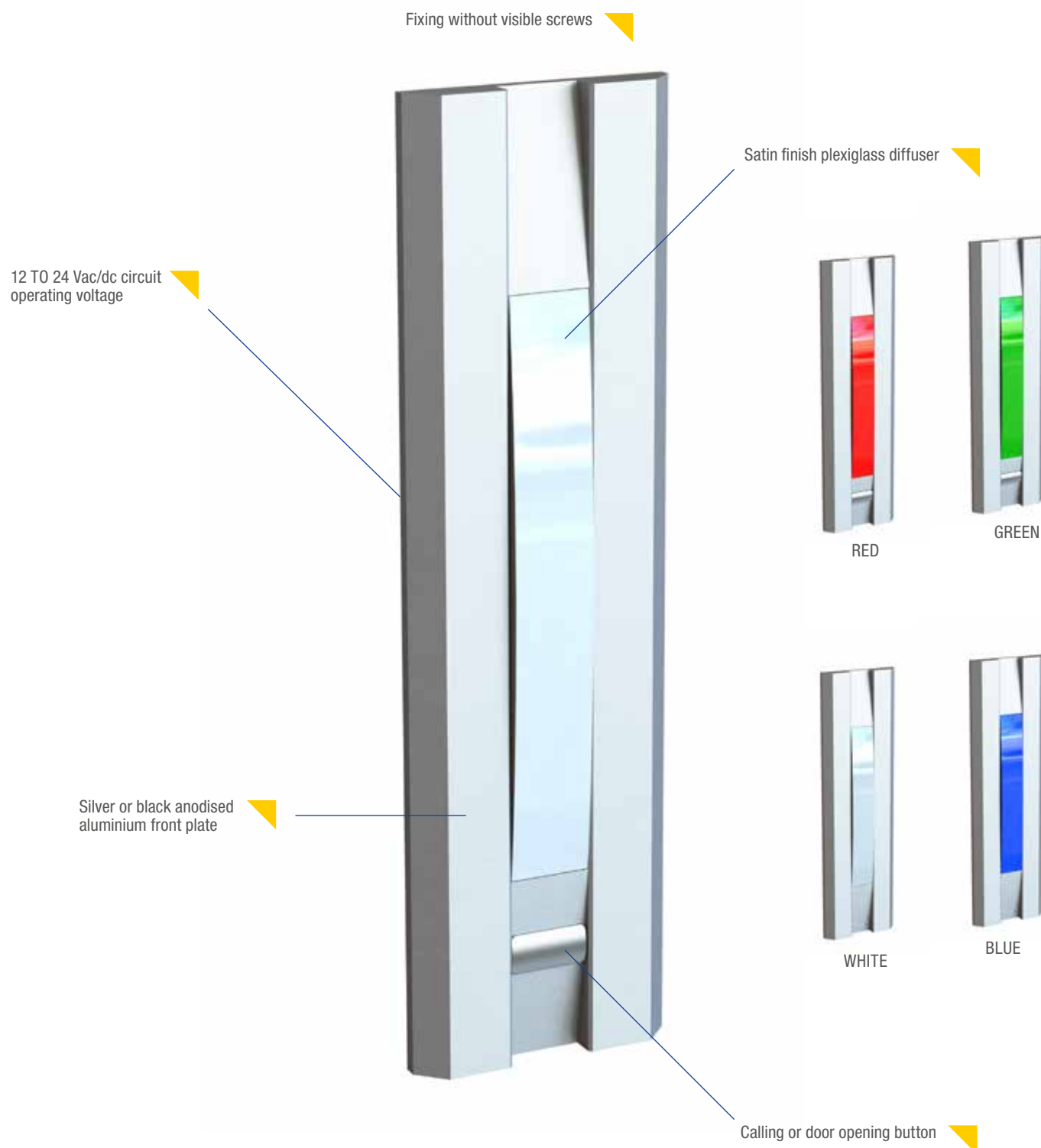
Art.	Description	
	03510 VERTICAL HANDLE Vertical handle with elbows in plastic and central tube in silver anodized aluminium 300 mm. (longer lengths available on request) Elbow with 4 through wires ready for connection to sensitive board Art. 53500 On request: dark brown, black or painted red, yellow, green tube	
	03520 HORIZONTAL HANDLE Horizontal handle with elbows in plastic and central tube in silver anodized aluminium 300 mm. (longer lengths available on request) Elbow with 4 through wires ready for connection to sensitive board Art. 53500 On request: dark brown, black or painted red, yellow, green tube	
	03515 VERTICAL HANDLE Vertical handle entirely in black painted aluminium 395 mm. ready for connection to sensitive board Art. 53501 On request: painted red or yellow	
	03525 HORIZONTAL HANDLE Horizontal handle entirely in black painted aluminium 395 mm. ready for connection to sensitive board Art. 53501 On request: painted red or yellow	
	53500 SENSITIVE BOARD Sensitive board with contact plate for insertion inside tube for handles Art. 03510 and 03520 Dimensions (mm): 120 x 15 x 17 Operating voltage: 12 - 24 Vdc Absorbed current: 10 mA in stand-by / 50 mA with relay activated Relay in switching: 2 A @ 24 Vdc / 1 A @ 120 Vac Sensitivity adjustment trimmer. Indicator LED of sensitivity calibration Stable output contact with relay C./N.O./N.C Note: the sensitivity board is not suitable for operation with Prima and Classica series solenoid locks.	
	53501 SENSITIVE BOARD WITH FRONT PLATE Sensitive board ready for connection to handles Art. 03515 and 03525 Same electrical characteristics as Art. 53500 Front plate in anodized aluminium for insertion in the door profile Front plate dimensions (mm): 200 x 25 x 2 Dimensions (mm): 120 x 15 x 17 Hole for sensitivity adjustment trimmer Hole for sensitivity calibration indicator LED Note: the sensitivity board is not suitable for operation with Prima and Classica series solenoid locks.	
	44000 PUSH BAR SWITCH (NO LATCH) Push Bar type with base in steel and horizontal activation bar in silver anodized aluminium Dimensions (mm): 860 (can be shortened up to 550 mm.) x h 60 bar x 68 thickness Mechanical block with bar pressed for the "open" release lever function Micro-switch with C./N.O./N.C contact rated 24 V / 5 A Hand: reversible Use: electric command for release of security electromagnets	



PROFILO

- ▶ ELEGANT AND INNOVATIVE INDICATOR LAMPS SERIE
- ▶ HIGH EFFICIENCY LED LIGHTING
- ▶ STANDARD RED / GREEN VERSION AS DOOR STATUS INDICATORS
- ▶ WHITE / BLUE VERSION AS LIGHTING SYSTEM OR STEP LIGHT
- ▶ REDUCED DIMENSIONS FOR INSERTION ON NARROW DOORS
- ▶ EXTERNAL INTERCOM VERSION WITH THE SAME DIMENSIONS





PLUS

- ▶ Elegant and innovative indicator lamps serie
- ▶ High efficiency LED lighting
- ▶ Standard Red / Green version as door status indicators
- ▶ White / Blue version as lighting system or step light
- ▶ Reduced dimensions for insertion on narrow doors
- ▶ External intercom version with the same dimensions



PLUS EXAMPLE

- 1 Closed door status indicator
- 2 Open door status indicator
- 3 Indicator for lighting and step light

WATCH THE VIDEO



**Art.****Description****RED / GREEN INDICATOR LAMP**

Front plate in anodized aluminium
 External dimensions (mm) 105 x 40 x 5
 Internal circuit dimensions (mm): 80 x 26 x 16
 Operating Voltage 12/24 Vac/dc - 60 mA with LED on
 Red / green high efficiency LED signalling diameter (mm) 20
 Selection jumper for fixed or flashing light
 Command for LED selection with N.O. contacts

55010
55010BR
55010N

Silver front plate
Bronze front plate
Black front plate

**RED / GREEN INDICATOR LAMP WITH PUSH BUTTON**

Front plate in anodized aluminium
 External dimensions (mm) 140 x 40 x 5
 Internal circuit dimensions (mm): 100 x 26 x 16
 Operational and electrical characteristics of the lamp indicator section are the same as article 55010
 Opening or call push button with N.O. contact - N.C on demand

55011
55011BR
55011N

Silver front plate
Bronze front plate
Black front plate

**RED / GREEN INDICATOR LAMP WITH PUSH BUTTON FOR INTERCOM CALL AND PORTER**

Front plate in anodized aluminium
 External dimensions (mm) 186 x 40 x 5
 Internal circuit dimensions (mm): 162 x 33 x 16
 Operational and electrical characteristics of the lamp indicator section are the same as article 55010
 Porter intercom:
 Operating voltage: 12 Vdc - 10 mA in stand-by / 100 mA in operation
 Call push button with blue signalling LED for handset connection
 Amplified system with loudspeaker and microphone compatible with standard 5 wires intercom systems
 Separate adjustment of loudspeaker and microphone volumes via trimmers

55012
55012BR
55012N

Silver front plate
Bronze front plate
Black front plate

**Art.****Description****OUTDOOR PORTER INTERCOM**

Front plate in anodized aluminium

External dimensions (mm) 105 x 40 x 5

Internal circuit dimensions (mm): 80 x 33 x 161

Operating voltage: 12 Vdc - 10 mA in stand-by / 100 mA in operation

Call push button with blue signalling LED for handset connection

Amplified system with loudspeaker and microphone compatible with standard 5 wires intercom systems

Separate adjustment of loudspeaker and microphone volumes via trimmers

55013**55013BR****55013N**Silver front plateBronze front plateBlack front plate**AVAILABLE FINISHES**

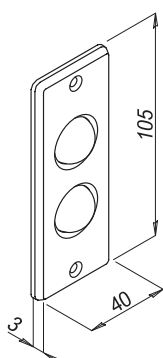
Silver



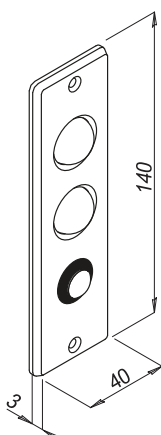
Bronze



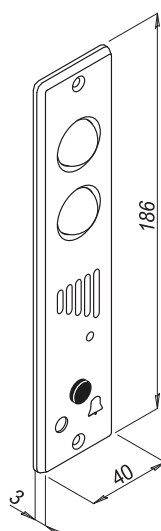
Black



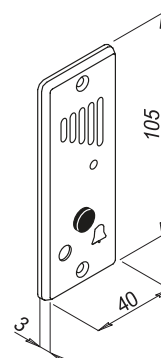
Art. 55010



Art. 55011



Art. 55012



Art. 55013

Art.

Description



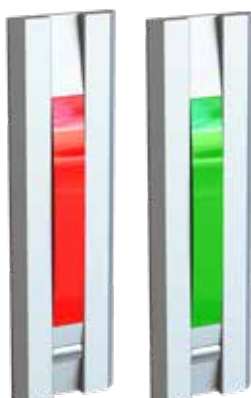
55030
55030BR
55030N

RED / GREEN INDICATOR LAMP

Front plate in anodized aluminium
 External dimensions (mm) 140 x 40 x 6
 Internal circuit dimensions (mm): 118 x 46 x 17
 Operating Voltage 12/24 Vac/dc - 30 mA with LED on
 Red / green high efficiency LED signalling
 Selection jumper for fixed or flashing light

[Silver front plate](#)
[Bronze front plate](#)
[Black front plate](#)

On request: White / blue light



55031
55031N
55031BR

RED / GREEN INDICATOR LAMP WITH PUSH BUTTON

Front plate in anodized aluminium
 External dimensions (mm) 140 x 40 x 6
 Internal circuit dimensions (mm): 118 x 46 x 17
 Operating Voltage 12/24 Vac/dc - 30 mA with LED on
 Red / green high efficiency LED signalling
 Selection jumper for fixed or flashing light
 Opening or call push button with N.O. contact

[Silver front plate](#)
[Bronze front plate](#)
[Black front plate](#)

On request: White / blue light



55033
55033N
55033BR

INTERCOM PORTER

Front plate in anodized aluminium
 External dimensions (mm) 140 x 40 x 6
 Internal circuit dimensions (mm): 118 x 28 x 19
 Operating voltage: 12 Vdc - 10 mA in stand-by / 100 mA in operation
 Call push button with blue signalling LED for handset connection
 Amplified system with loudspeaker and microphone compatible with standard 5 wires intercom systems
 Separate adjustment of loudspeaker and microphone volumes via trimmers

[Silver front plate](#)
[Bronze front plate](#)
[Black front plate](#)

INTERCOM AND INDICATOR LAMP SYSTEMS PROFILE SERIES OP

Art.	Description	
OP04500 56	ALT / AVANTI INDICATOR LAMP (interchangeable with the Yale-corni traffic lights) Front plate in anodized aluminium with black polycarbonate film External dimensions (mm) 195 x 40 x 3,5 Internal circuit dimensions (mm): 135 x 35 x 25 Operating Voltage 12/24 Vac/dc - 25 mA Red / green high efficiency LED Selection jumper for fixed or flashing light Command for LED selection with N.O. contacts	
OP04500 58	ALT / AVANTI INDICATOR LAMP WITH INTERCOM FACILITIES (interchangeable with the Yale-corni traffic lights) Front plate in anodized aluminium with black polycarbonate film External dimensions (mm) 195 x 40 x 3,5 Internal circuit dimensions (mm): 175 x 35 x 30 Operating Voltage 12/24 Vac/dc - 25 mA Red / green high efficiency LED Selection jumper for fixed or flashing light Command for LED selection with N.O. contacts With loudspeaker and microphone Opening or call push button with N.O. contact To be used with porter 05515 - see page 186	
OP04501 56	RED / GREEN INDICATOR LAMP (interchangeable with the Yale-corni traffic lights) Front plate in anodized aluminium with black polycarbonate film External dimensions (mm) 160 x 40 x 3,5 Internal circuit dimensions (mm): 100 x 36 x 25 Operating Voltage 12/24 Vac/dc - 25 mA Selection jumper for fixed or flashing light Command for LED selection with N.O. contacts	
OP04501 58	RED / GREEN INDICATOR LAMP WITH INTERCOM FACILITIES (interchangeable with the Yale-corni traffic lights) Front plate in anodized aluminium with black polycarbonate film External dimensions (mm) 160 x 40 x 3,5 Internal circuit dimensions (mm): 141 x 37 x 30 Operating Voltage 12/24 Vac/dc - 25 mA Selection jumper for fixed or flashing light Command for LED selection with N.O. contacts With loudspeaker and microphone Opening or call push button with N.O. contact To be used with porter 05515 - see page 186	

Art.

Description

05512

**ELECTRONIC CONTROL UNIT
FOR MULTIPLE INTERCOM CONNECTIONS**

Container in white ABS

Dimensions (mm): 111 x 72 x 29

Connection with screw terminal bloc to 4 outdoor porter intercoms (item 05515, 55012, 55013, 55014, 55033)

Connection with 8 pole plug to 3 indoor multiport intercom handsets (05514)

Operating voltage: 12 Vdc - 40 mA in stand-by

200 mA in communication

Use: the control unit allows 4 outdoor intercom locations and 3 indoor handsets to be managed.

The call coming from an outdoor intercom location is signalled on the multiport handsets via an acoustic and visible LED signal.

The first handset which is picked up connects to the outdoor calling location, excluding the other two handsets.

Further calls during the conversation are signalled on the 3 handsets and placed on hold according to the incoming order of priority.



05513

INTERCOM HANDSET

Body in white colour ABS

Intercom connection with standard 5 wires system

Operating voltage: 12 Vdc from porter intercom

Internal call buzzer at 12 Vdc

Direct connection to the calling station

N.O. push button for release contact function for one electromechanical lock



05514

MULTIPORT INTERCOM HANDSET

Body in white colour ABS

Connection to multiport central control unit item 05512 via 8 pole connector plug

Operating voltage: 12 Vdc from intercom control unit

Visible signalling of calls via green LED

Internal call buzzer at 12 Vdc

Push button for selection function of one of the outdoor intercom stations and for "mute" selection signalled by red LED for buzzer deactivation



05515

PORTER INTERCOM

Body in black ABS, external dimensions mm 120 x 56 x 30

Internal circuit dimensions mm 80 x 33 x 16

Operating voltage: 12Vdc - 10mA in stand-by / 100 mA in operation

Call push button with blue signalling LED for handset connection

Amplified system with loudspeaker and microphone compatible with standard 5 wires intercom systems

Separate adjustment of loudspeaker and microphone volumes via trimmers

To be used with indicator lamps ref. OP04500 58 and OP04501 58

APPLICATION EXAMPLE FOR ONE DOOR



05513

55033



APPLICATION EXAMPLE FOR MULTI DOORS



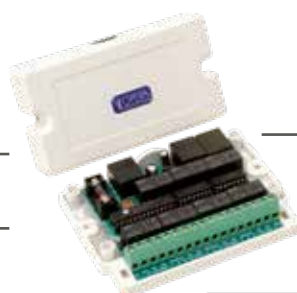
05514



05514



05514



05512





Art.	Description
	PUSH BUTTON Front plate in anodized aluminium External dimensions (mm) 105 × 40 x 5 Internal depth dimensions (mm): 23 Release push button with C./N.O./N.C. contact Electrical characteristics: 5A @ 250 Vac - 6 A @ 24 Vdc
55017	<u>Front plate in silver with "Apriporta" silk screening - red button</u>
55017V	<u>Front plate in silver with "Apriporta" silk screening - green button</u>
55017N	<u>Front plate in black with "Apriporta" silk screening - red button</u>
55017VN	<u>Front plate in black with "Apriporta" silk screening - green button</u>



	ANTI-VANDAL DOOR RELEASE PUSH BUTTON FOR EXIT Front plate in stainless steel External dimensions (mm) 85 × 85 x 2 - British standard Internal depth dimensions (mm): 28 Release push button with C./N.O./N.C. contact Electrical characteristics: 5A @ 250 Vac - 6 A @ 24 Vdc Round push button in stainless steel with green plastic edge
55020	<u>"Uscita" silk screen in green</u>
55020EX	<u>"Exit" silk screen in green</u>
55020NT	<u>Without writing</u>



55021	EXIT BUTTON Front plate in stainless steel External dimensions (mm) 85 x 85 x 2 - British standard Internal depth dimensions (mm): 28 Release push button with C./N.O./N.C. contact Electrical characteristics: 5A @ 250 Vac - 6 A @ 24 Vdc Round button in green plastic Silk screen "Press to Exit" in green colour
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**Art.****Description****01780****BOX FOR FLUSH MOUNT/APPLICATION MOUNT BUTTON**

Body: in silver colour aluminium

Dimensions (mm): 85.5 x 85.5 x 38.5 - British standard

Use: box for flush or application mount for push button item art. 55020 and 55021**55023****EXIT BUTTON**

Front plate in stainless steel

External dimensions (mm) 87 × 37 × 3

Internal depth dimensions (mm): 23

Release push button with C./N.O./N.C. contact

Blue LED Status indicator

Electrical characteristics: 3A @125 Vac-6 A @ 24 Vdc

**05820P****TOUCH DOOR OPENER BUTTON**

ABS body in black

External dimensions: 92 mm x 51 mm x 27 mm

Resin-coated electronics - IP65 protection rating

Operating temperature: -20 / +50 °C

Technology: Capacitive

Steel Touch Plate

Relay output: 2 A at 24 Vdc / 120 Vac

Relay duration: in pulse and lock modes

Operating states with red/green LED indicators

Auditory signal through buzzer with each touch

Connection cable: 50 cm

Power supply: 12-24 Vdc / 15-24 Vac

Current consumption: 65 mA

Art.

Description

55040
55040N**MOMENTARY KEY SWITCH FOR EURO-PROFILE CYLINDER**

Abs body with stainless steel cover plate

Dimensions (mm): 110 x 38 x 39

Maintained SPDT micro switch

Switch rating: 5A/125VAC

Can be used with Euro-profile cylinder dimensions 45 mm. (30 + 10 + 5)

Stainless steel cover plateStainless steel cover plate black painted**Use:** Key switch to activate electric equipment05540
05540N**SURFACE MOUNTING BOX**

S.a.a. Body

Dimensions (mm.): 110 x 38 x 46

Silver finishBlack finish**Use:** Surface or mortice box for art. 55040

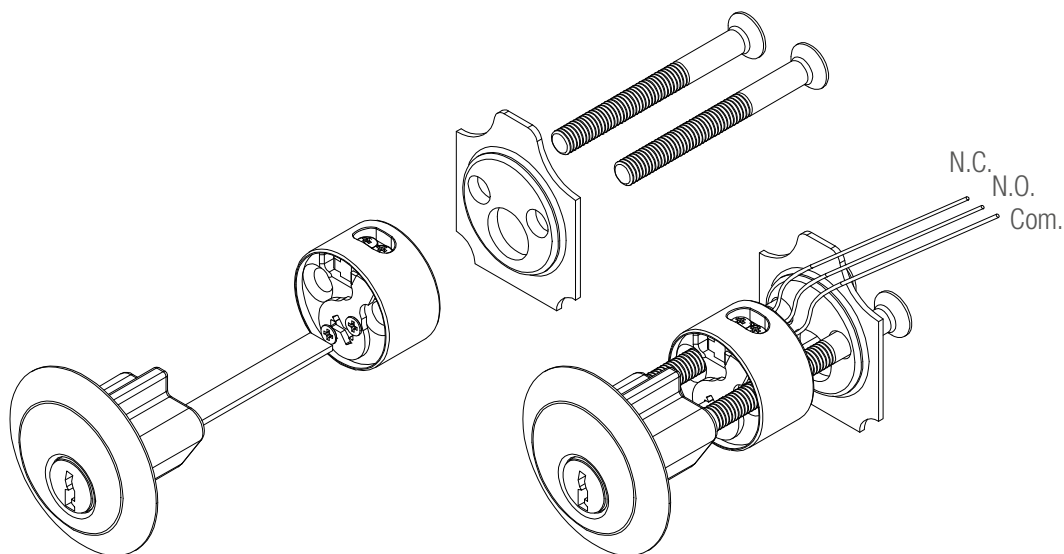
55041

MOMENTARY KEY SWITCH FOR ROUND CYLINDER

Brass body

Dimensions (mm) : 30 x 17

Release push button with C./N.O./N.C. contact, Switch rating: 5A / 125VAC

Use: Key switch to activate electric equipment

Art.	Description
------	-------------



55042FC

55043FC

CYLINDER MORTICE CASE WITH MICRO-SWITCH

Front plate in stainless steel mm 160 x 25 x 3

Body in anodized aluminum mm 30 x 17

Output contact C./N.O./N.C - mono stable 5A / 125Vac

Adjustable backset from 20 to 90mm

Short front plate for Euro-profile cylinderShort front plate for Italian oval cylinder

Use: Housing for replacement of an existing mechanical mortice lock to cover the mounting holes and permitting triggering of an electronic device by means of a standard Euro-profile cylinder (or Oval cylinder)

Example: It replaces an existing mechanical mortice lock and activate, using the existing cylinder, a magnetic lock as 147 series

CYLINDER MORTICE CASE WITH MICRO-SWITCH

Front plate in stainless steel mm 348 x 22 x 3

Body in anodized aluminum mm 30 x 17

Output contact C./N.O./N.C - mono stable 5A / 125Vac

Adjustable backset from 20 to 90mm

55042FL

55043FL

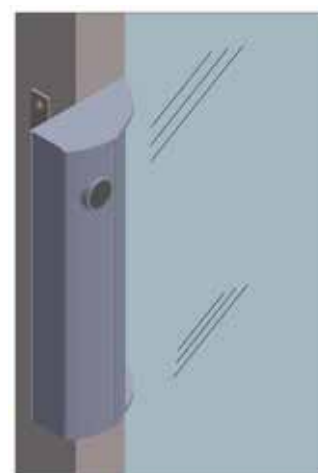
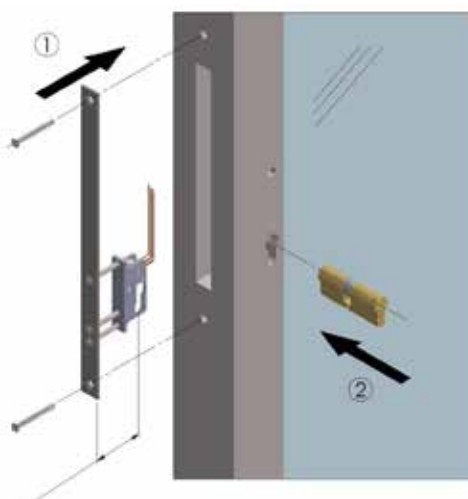
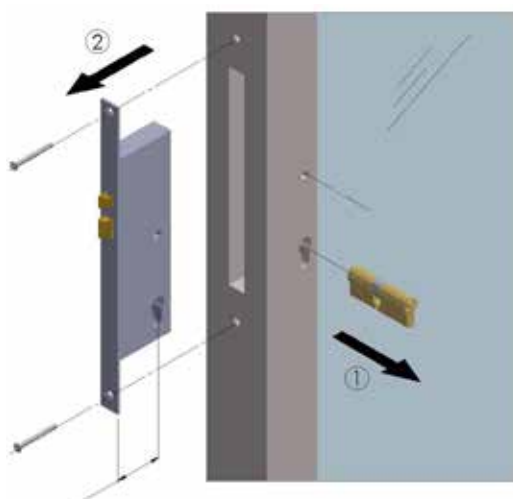
Long front plate for Euro-profile cylinderLong front plate for Italian oval cylinder

Use: Housing for replacement of an existing mechanical mortice lock to cover the mounting holes and permitting triggering of an electronic device by means of a standard Euro-profile cylinder (or Oval cylinder)

Example: It replaces an existing mechanical mortice lock and activate, using the existing cylinder, a magnetic lock as 147 series



WATCH THE VIDEO

EXAMPLE

Art.

Description

**SURFACE-MOUNT BOXES
FOR PROFILED TRAFFIC LIGHT SYSTEM**

External dimensions: 40 mm x 20 mm x length of traffic light front

Box in silver anodized aluminum:

05501

For item 55010 - 55013 - 55017

05502

For item 55011 - 55613A

05502PD

For item 55030 - 55031 - 55033

05503

For item 55012

Black electrocolored anodized box:

05501N

For item 55010N - 55013N - 55017N

05502N

For item 55011N

05502PDN

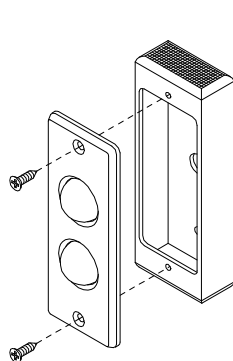
For item 55030N - 55031N - 55033N

05503N

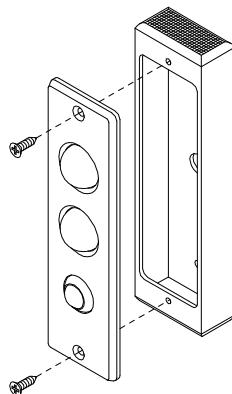
For item 55012N

On request:**Art. + BR**

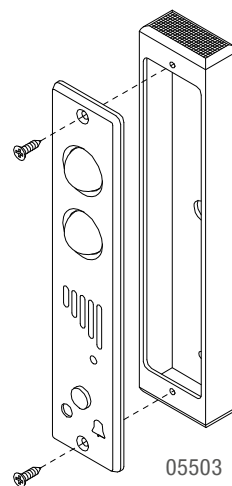
Bronze anodized box (e.g., 55010BR)



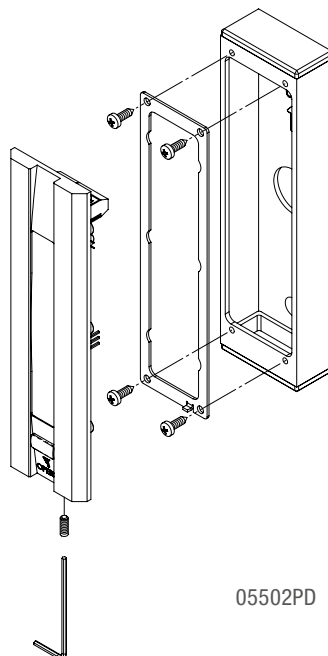
05501








05502






05503



05502PD

Art.	Description	
	<p>05257 INTERCOM INTERFACE FOR ELECTRIC LOCKS ABS enclosure dimensions: mm mm 97 x 141 x 22 Input power: 9 - 12 Vac Output: electrically operated lock activation from relay with free contact C/NO/NC timed at 5-10-15-20 s Output fault signalling for intercom button stuck: relay with voltage free contact C/NO. Use: allows, in addition to door relay function in installations equipped with electronic locks, to protect the lock if the intercom button is constantly pushed, disabling all command devices and reporting the failure</p>	
	<p>05258 RELAY CIRCUIT FOR INTERCOM OPENING COMMAND Circuit dimensions (mm): 58 x 15 x 18 Input operating voltage: 9 - 12 Vac/Vdc Output: relay with dry contact C./N.O./N.C Use: this circuit allows the 12 Vac contact to be transformed for activation of the traditional electromechanical lock which comes from the intercom system with N.O. dry contact necessary for activation of the solenoid lock opening command. Can be used with all electromagnets in the Safety series, all solenoid locks in the Quadra series (in combination with their control units), the Prima series, Classica, Maxima series (combined with their control units)</p>	
	<p>MAGNETIC SENSOR CONTACT CIRCUIT ABS box dimensions: 102 mm x 50 mm x 27.5 mm Input power supply: 12 or 24 Vdc Output: relay with clean C./N.A./N.C. contact Relay contact current: 10 A - 28 Vdc/120 Vac Application: This circuit allows transforming the N.A. contact of the magnetic sensor into a clean N.A. relay contact necessary to activate a signal. 05259-12 <u>Power supply at 12 Vdc</u> 05259-24 <u>Power supply at 24 Vdc</u> Compatible with all electro-pistons of the Quadra, Prima, Classica, Maxima series, or with magnetic sensors art. 02221 and 02223</p>	
	<p>05260 TIMING CIRCUIT FOR AUTOMATIC DOORS Circuit dimensions (mm): 71 x 48 x 16 Box in ABS dimensions (mm) 120 x 56 x 30 Input operating voltage: 12/24 Vac/Vdc Output: relay with dry contact C./N.O./N.C Activation delay timing relay adjustment from 0 to 60 seconds Activation timing relay adjustment from 0 to 60 seconds Use: this circuit allows a security electromechanical lock from the Quadra, Prima, Classica, Maxima series to be used with motorisation of door opening. Confirmation of latch opening on the electromechanical lock generates, after a pre-established time, activation of a pulse contact on the relay for opening of the motorisation</p>	
	<p>SERVICE RELAY REL12V Relay with polarized activation coil at 12 Vdc / 90 mA Double changeover C./N.A./N.C. - Contact rating 10 A at 250 Vac REL24V Relay with polarized activation coil at 24 Vdc / 50 mA Double changeover C./N.A./N.C. - Contact rating 10 A at 250 Vac</p>	

Art.	Description	
	<p>02221 MAGNETIC SENSOR FOR MORTICE FIXING Magnetic door alignment verification sensor Body in threaded brass Brackets in black ABS Dimensions of the bracket (mm): 50 x 20 x 3 Internal depth dimension (mm): 28 Magnet and sensor adjustable in extension 2 wires connection N.O. output contact (N.C. with magnet) Maximum rating: 200 Vdc / 500 mA (10 VA max) on resistive load Operating temperature: -5/+ 50 °C Operating range: 12 mm.</p>	
	<p>02223 MAGNETIC SENSOR FOR SURFACE FIXING Magnetic door alignment verification sensor Support for surface fixing in white plastic container Dimensions of the bracket (mm): 60 x 16 x 5 2 wires connection N.O. output contact (N.C. with magnet) Maximum rating: 200 Vdc / 500 mA (10 VA max) on resistive load Operating temperature: +5/+40 °C Operating range: 40 mm.</p>	
	<p>02225 DOOR MECHANICAL SENSOR Mechanical contact for door status signalling Body dimensions (mm): 28 x diameter 20 Front plate in stainless steel (mm) 42 x 23 x 3 Body in oxidised aluminium - anodic build-up oxidation Ball in hardened steel Ball body adjustment of 10 mm. C. / N.O. / N.C. output contact Maximum rating: 1.5 A - 250 V Supplied with 15 cm of three wire cable</p>	
	<p>08700 ANTI-REBOUND BALL-CATCH Ball with spring adjustment for insertion on swing doors. Body in nickel plated steel Ball front plate and strike in stainless steel Front plate dimensions (mm): 55 x 25 x 3 Depth of the ball body (mm): 30 Use: anti-rebound system for swing doors with electronic locks with relocking via alignment sensor. Ideal for heavy doors where realignment is made difficult by excessive rebounds of the door during approach which may prejudice the proper operation of the electromechanical lock.</p>	

CABLE COVERS - ANTI-REBOUND BALL-CATCH

Art.

Description



08600
08600XL

CONCEALED CABLE COVER

Flexible spring in chromium plated steel with internal diameter of 10 mm.

Box for insertion into the door profile in chromium plated steel

Box for mortice fixing dimensions (mm): 260 x 24 x 16

Use: concealed cable cover for direct passage of the wires between the door and the frame.



08601

DOOR LOOP WITH CABLES AND PLUG-IN CONNECTORS

Flexible spring steel with internal diameter of 10 mm

Box for mortice fixing dimensions (mm): 260 x 24 x 16

Supplied with 2 cables 1Mt long and 4,5 mt on the other side - 8 poles plug-in connector. 8 wires 0,22mm diameter

The 08601 door loop, mounted in the hinge of the door, is completely hidden when the door is in the closed position



08605

CONCEALED CABLE COVER

Flexible spring in chromium plated steel with internal diameter of 11 mm.

Front plate in black painted steel. Tube length (mm) 88

Use: concealed cable cover for direct passage of the wires between the door and the frame



08608

CABLE COVER ONLY FLEXIBLE

Flexible spring in chromium plated steel with external diameter of 9,5mm and internal diameter mm 7. Length (mm) 214

Use: external cable cover for direct passage of the wires between the door and the frame



08610
08619
08620

CABLE COVER ONLY FLEXIBLE

Flexible spring in chromium plated steel with external diameter mm 14 and internal diameter of 10 mm.

Length (mm) 250

Length (mm) 420

Length (mm) 600

Use: external cable cover for direct passage of the wires between the door and the frame



08630A

CABLE COVER ONLY FLEXIBLE

Flexible spring in chromium plated steel with fixing metal terminals

Terminal dimension (mm): 35 x 30 x 13. Internal diameter (mm) 8

Length (mm) 430

Use: external cable cover for direct passage of the wires between the door and the frame



08640
08641

CABLE COVER ONLY FLEXIBLE

Flexible spring in chromium plated steel with fixing terminals in aluminium alloy

Terminal dimension (mm): 47 x 39 x 22. Internal diameter (mm) 8

Length (mm) 500

Length (mm) 710

Use: external cable cover for direct passage of the wires between the door and the frame



08650

TAPPET CONTACTS - ELECTRIC CONTACT

Pair of pressure tappet contacts for electric lock (not electronic lock or solenoid bolt)

Voltage: 12/24 Vac/dc - Max current: 5A

Front plate in black plastic, dimensions mm 47 x 16 x 4



05110G
05110R
05110V

Description

BOX FOR PUSH BUTTON ALARM ACTIVATION WITH MANUAL RESET

Container in ABS
Dimensions (mm): 99 x 95 x 43
C./ N.O (N.C. on demand) internal switching contact
Manual rearming of the contact
IP rating: IP41
Transparent Plexiglas cover for protection
of the box's activation push button
Yellow box
Red box (for fire detection systems)
Green box (for escape doors systems)

Use: pressing the plastic front plate activates switching
of the electrical contact
Compliance: EN54-11 (05110R)



05210

TRANSFORMER FOR MAXIMA SERIES MOTORISED LOCKS

Dimensions (mm): 110 x 75 x 68
Primary operating voltage: 230 Vac - 50/60 Hz.
Secondary operating voltage: 10 Vac
Power: 65 V.A. - Isolation class: II
Carter in self-extinguishing plastic material
Terminal block with screw connectionse

Use: power transformer to alternating current for electronic command unit
Art. 54250 (spare for Art. 54255) Maxima series



05211

TRANSFORMER FOR OMNIA SERIES ELECTRIC STRIKES

Dimensions (mm): 70 x 58 x 40
Primary operating voltage: 230 Vac - 50/60 Hz.
Secondary operating voltage: 12 Vac
Power: 10 V.A. - Isolation class: II
Carter in self-extinguishing plastic material
Terminal block with screw connections

Use: power transformer to alternating current for Omnia series electric
strikes



05301C

WEEKLY PROGRAMMABLE TIMER WITH CALENDAR

230 Vac power
Output: switching relay with C./N.O./N.C contacts
Relay rating: 250 Vac / 16 A - 12 Vdc / 4 A
Internal lithium battery with charge reserve for 5 years without power
Preset date and time
Automatic switch for daylight savings time
Weekly and daily programming
Time programming by hour and minutes
Programming key and saving of memorised data

Use: weekly timer for automatic opening and relocking of electromechanical
locks according to preset times. For use with electromagnets, electric
strikes in continuous current and solenoid locks.



05310

POWER SUPPLY WITH TIME DELAY

Grey ABS Box
Dimensions: 129 (L) x 73 (W) x 50 (D) mm
Input Power: 100-240 Vac, 50/60 Hz
Output voltage 1: 1.5A/12 Vac (Timer)
(for both fail safe and fail secure electric locks)
Output voltage 2: 1A/12 VDC
Adjustable time: 0 ~ 45 seconds
Weight: 0.22 kg
N.O.input for push button

**Art.****Description****SWITCHING POWER SUPPLY FOR BACKUP BATTERY**

Wall mount container in inspectable grey ABS
 Dimensions (mm): 300 x 225 x 130 (mm 395 x 310 x 130 for item 05326A)
 Regulated power supply with switching technology
 Input in alternating current: 230 Vac
 Output for battery charging with control circuit for charge voltage
 Overload protection Short circuit protection

05312A
05325A
05326A

Output :
12 Vdc (13,8 Vdc) / 3 A
24 Vdc (27,6 Vdc) / 3 A
24 Vdc (27,6 Vdc) / 10 A



05320A
05320XM
05330XS
05331A
05332A

SWITCHING POWER SUPPLY

Container in metal with ventilation holes
 Regulated power supply with switching technology
 Input in alternating current: 230 Vac
 Output for battery charging with control circuit for charge voltage
 Overload and short circuit protection

Output:
12 Vdc (13,8 Vdc) / 3.0 A - dimension mm 130 x 99 x 38
12 Vdc (13,8 Vdc) / 16 A - dimension mm 194 x 55 x 25
24 Vdc (27,6 Vdc) / 1,1 A - dimension mm 91 x 52 x 29
24 Vdc (27,6 Vdc) / 3 A - dimension mm 159 x 99 x 38
24 Vdc (27,6 Vdc) / 10 A - dimension mm 215 x 115 x 50



05320BD
05330BD

SWITCHING POWER SUPPLY

Abs container for Din rail
 230 Vac - 24 Vdc / 1 A Power Supply
 Dimensions: 130 x 99 x 38
230 Vac - 12 Vdc / 1,5 A Power Supply
230 Vac - 24 Vdc / 630 mA Power Supply



00112
00212
00712

BATTERIES

12 Vdc rechargeable lead batteries

Power: 1.2 Ah for Art. 52002 (mm 97 x 42 x 53)
Power: 2.2 Ah (mm 177 x 60 x 35)
Power: 7 Ah (mm 151 x 94 x 65)

**05346A****PLUG IN POWER SUPPLY**

Power: 100 - 240 Vac / 12Vdc - 2A
 Power supply for console 54614B

Art.

Description

55414

FOUR CHANNEL RECEIVER

Container in grey or black ABS
 Container size: 200 x 75 x 40
 Circuit dimensions (mm): 58 x 58
 Operating voltage: 12/24 Vac/Vdc
 Current: 50 mA max with relays active
 Frequency 433.92 MHz
 Programmable codes: 199 different codes with standard 12-64 bit or Rolling Code
 Output: via C./N.A relay contacts in pulse, bistable or timed bistable mode
 1 C./N.O./N.C switching relay with 5A rating
 171 C./N.O contact relays with 1A rating
 Range: 50/80 metres with wire antenna supplied in the package
 Features: four channel self learning receiver for management of four separate opening commands (example: separate opening of the two doors in any interlocking system and two single doors)

55416

TWO CHANNEL RECEIVER

Container in grey or black ABS
 Container size: 200 x 75 x 40
 Circuit dimensions (mm): 58 x 58
 Operating voltage: 12/24 Vac/Vdc
 Current: 50 mA max with relays active
 Frequency 433.92 MHz
 Programmable codes: 199 different codes with standard 12-64 bit or Rolling Code
 Output: via C./N.A relay contacts in pulse, bistable or timed bistable mode
 1 C./N.O./N.C switching relay with 1A rating
 1 C./N.O contact relays with 1A rating
 Rating: 50/80 metres with wire antenna supplied in the package
 Features: two channel self learning receiver for two separate opening commands (example: separate opening of the two doors in any interlocking system)

55417

SINGLE CHANNEL MINI RECEIVER

Container in black ABS
 Container size: 70 x 46 x 21
 Circuit dimensions (mm): 47 x 26
 Operating voltage: 12/24 Vac/Vdc
 Current: 50 mA max with relay active
 Frequency 433.92 MHz
 Programmable codes: 23 different codes or Rolling Code
 Output: via C./N.A relay contacts in stable or bistable mode
 Rating: 50/80 metres with wire antenna supplied in the package
 Features: single channel self learning receiver for opening command of a door

55418

SINGLE CHANNEL MINI RECEIVER

Container in black ABS
 Container size: 77 x 37 x 21
 Circuit dimensions (mm): 47 x 26
 Operating voltage: 12/24 Vac/Vdc
 Current: 50 mA max with relay active
 Frequency 433.92 MHz
 Programmable codes: 23 different fixed codes or Rolling Code
 Output: via C./N.A relay contacts in stable or bistable mode
 Rating: 50/80 metres with wire antenna supplied in the package
 Features: single channel receiver for opening command of a door
Use: allows remote control in an extremely simple way of any electromechanical lock without the aid of an ulterior supplementary power supply. For this reason it can also be applied to any already installed electromechanical lock.

Art.

Description



55420
55420RC

TWO CHANNEL REMOTE CONTROL

Body in silver and black polycarbonate
 Dimensions (mm): 53 x 26 x 14
 Red indicator LED for pressing of the buttons
 Operating voltage: 6 V alkaline battery type 11A
 Frequency 433.92 MHz
 Programming: self learning and auto generating of the codes

Standard encoding up to 96 bit
Rolling Code Encoding

Features: remote control with two separate channels, ideal to operate individually on the opening commands of two different doors

Use: for use with all 554 series receivers



55421
55421RC

FOUR CHANNEL REMOTE CONTROL

Body in polycarbonate
 Dimensions (mm): 63 x 36 x 14
 Red indicator LED for pressing of the buttons
 Operating voltage: 6 V alkaline battery type 11A
 Frequency 433.92 MHz
 Programming: self learning and auto generating of the codes

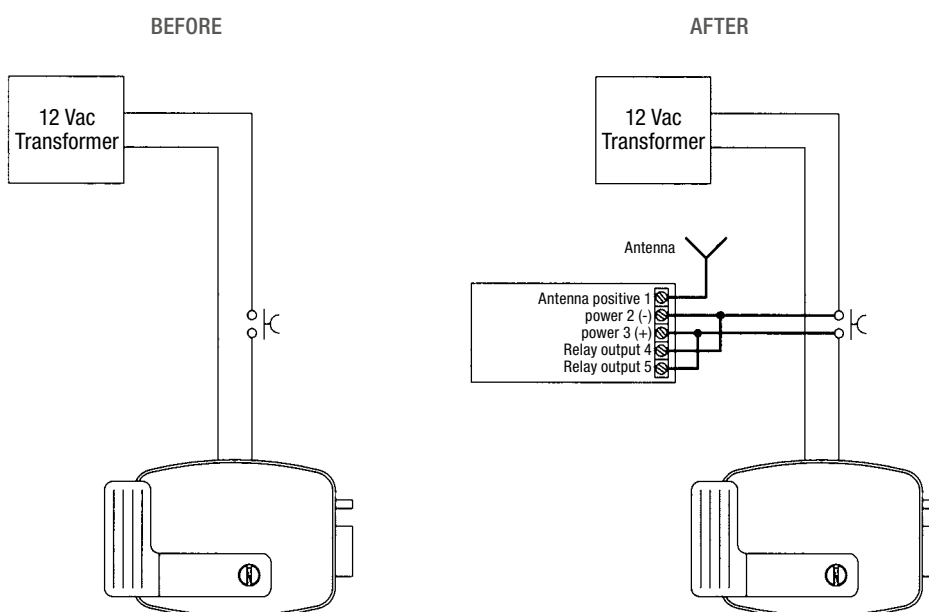
Standard encryption up to 96 bit
Rolling Code Encoding

Features: remote control with four separate channels, ideal to operate individually on the opening commands of four different doors

Use: for use with all 554 series receivers

REMOTE CONTROL - APPLICATION EXAMPLE

Single channel mini receiver 55418 for electric locks



NEW



Art.

57520RF

Description

Lo.Ra. RADIO TRANSMITTER MODULE

Black ABS box, dimensions: 67 x 50 x 20 mm
 Power supply: 12-18 Vac - 12-24 Vdc
 Operating temperature: -20 / +70°C
 Bicolor red/green LEDs for displaying operational statuses
 Radio frequency: 868 MHz using Lo.Ra. technology
 Average operating range: 1,000 meters
 Inputs: 4 with Normally Open (N.A.) contacts
 Radio communication encryption security
 Operation: The 57520RF device is a transmitter capable of ensuring long-distance communication, high immunity to interference, high sensitivity, and reduced energy consumption. The transmitter must be paired with the Art. 57521RF receiver, which provides outputs to activate remote loads, offering users multiple solutions; ideal for long-distance activation and control applications.

NEW



57521RF

Lo.Ra. RADIO RECEIVER MODULE

Black ABS box, dimensions: 67 x 50 x 20 mm
 Power supply: 12-18 Vac - 12-24 Vdc
 Operating temperature: -20 / +70°C
 Bicolor red/green LEDs for displaying operational statuses
 Internal LED and dip switch for selecting relay contact mode: impulse, timed, or bistable.
 Radio frequency: 868 MHz using Lo.Ra. technology
 Average operating range: 1,000 meters
 Outputs: 4 Normally Open (N.A.) contacts from electronic relay (max 400 mA @ 60Vdc)
 Operation: The 57521RF device is a receiver capable of ensuring long-distance communication, high immunity to interference, high sensitivity, and reduced energy consumption. The receiver, paired with the transmitter Article 57520RF, allows for the activation of the corresponding OUT 1-4 outputs and the control of remote loads, offering users multiple solutions; ideal for long-distance activation and control applications.

APPLICATION SAMPLE

1 Transmitter module - 4 Receiver module



TX1



RANGE: 1 KM



RX1



RX2



RX3



RX4

APPLICATION SAMPLE

1 Receiver module - 4 Transmitter module

RX1



RANGE: 1 KM



TX1



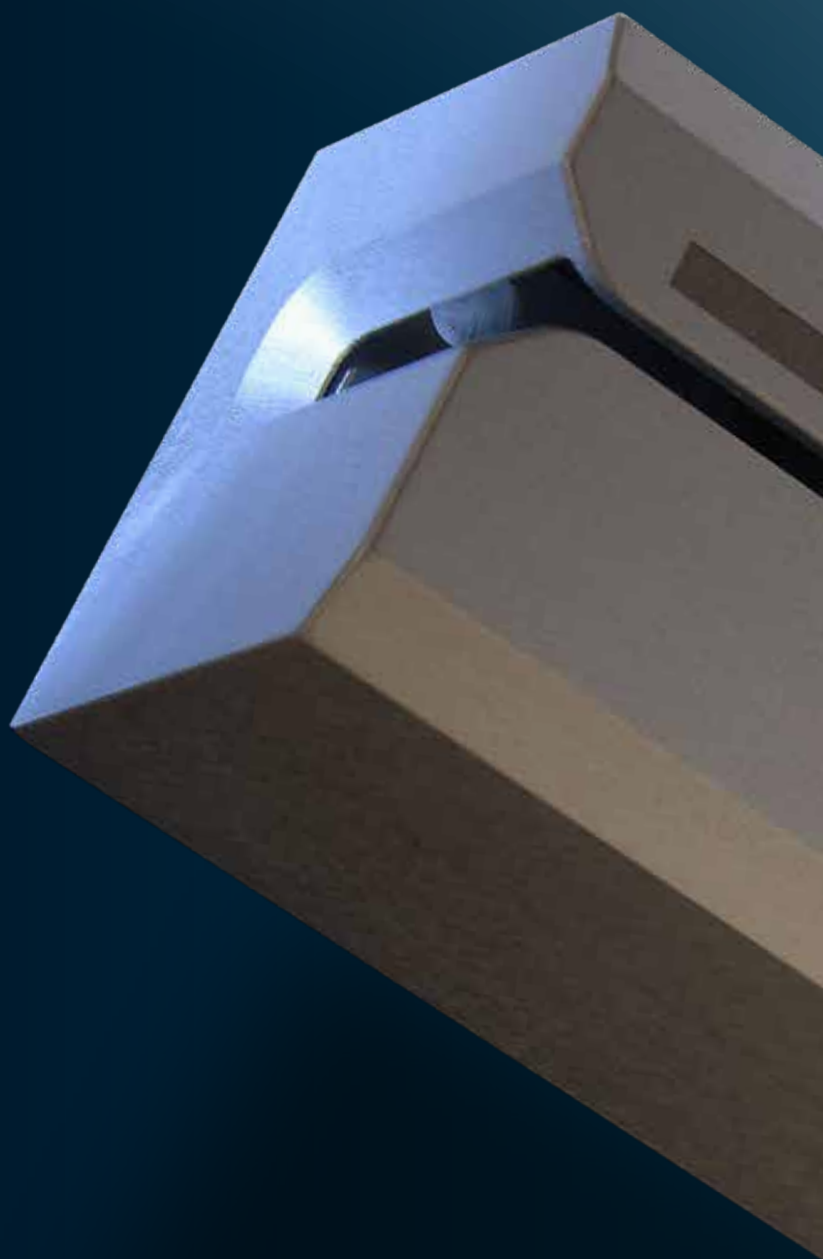
TX2



TX3

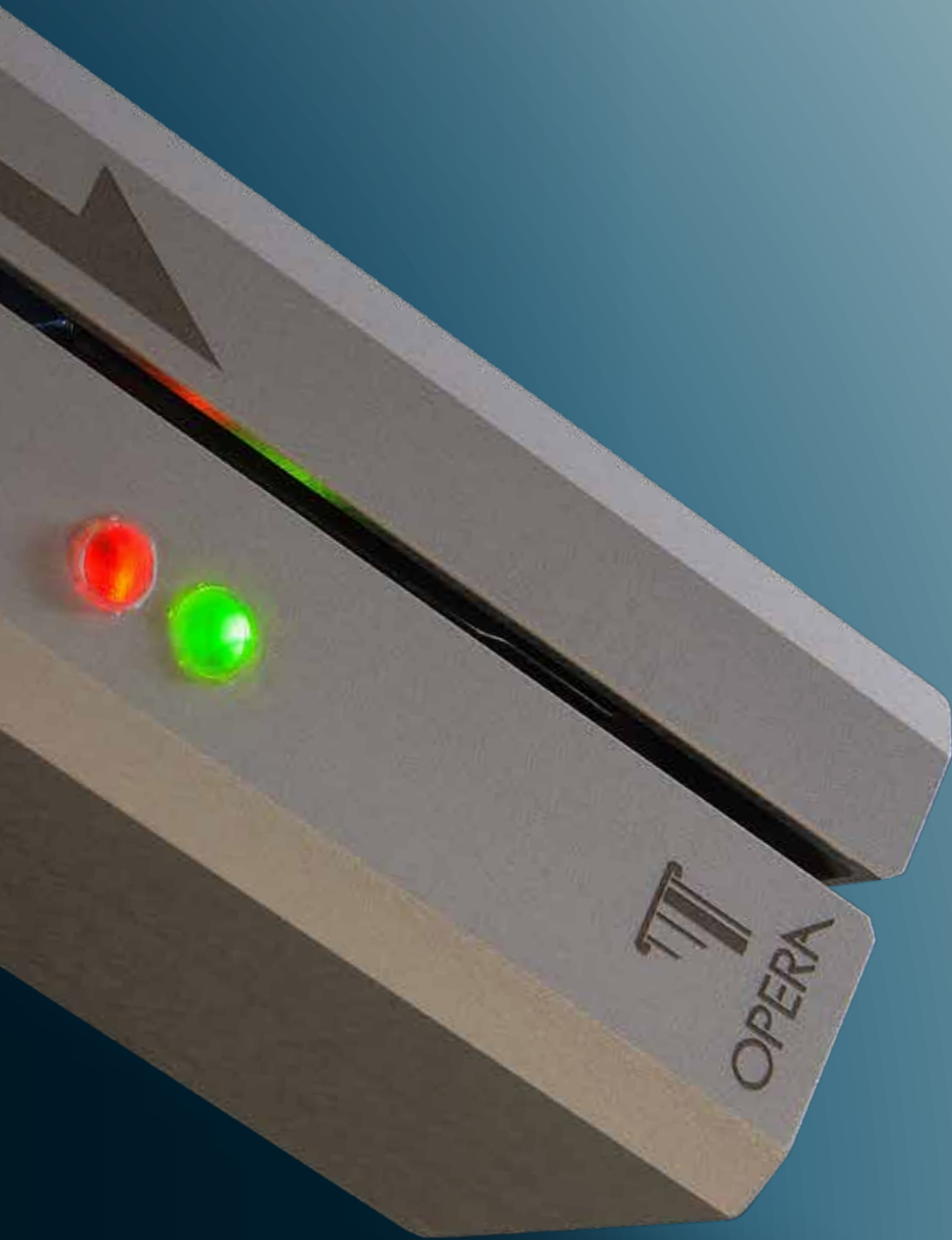


TX4



ACCESS

- ▶ ACCESS CONTROL SYSTEM
- ▶ CODE KEY PAD, MAGNETIC CARDS READER AND RFID
- ▶ PEOPLE COUNTER SYSTEM FOR LIBRARIES, MUSEUMS, SHOPPING CENTERS
- ▶ STAND-ALONE VERSION FOR INDIVIDUAL APPLICATIONS
- ▶ ON LINE VERSION WITH PC MANAGEMENT FOR MULTI DOORS SYSTEMS



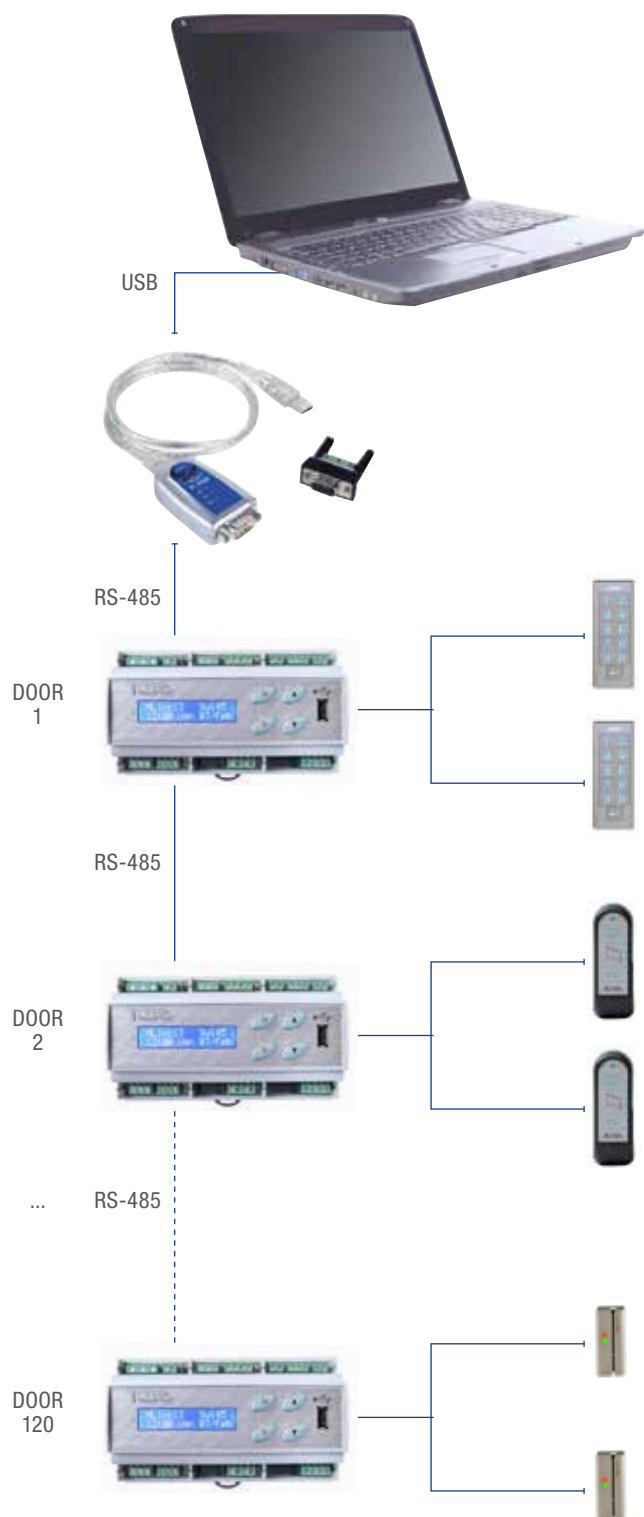


PLUS

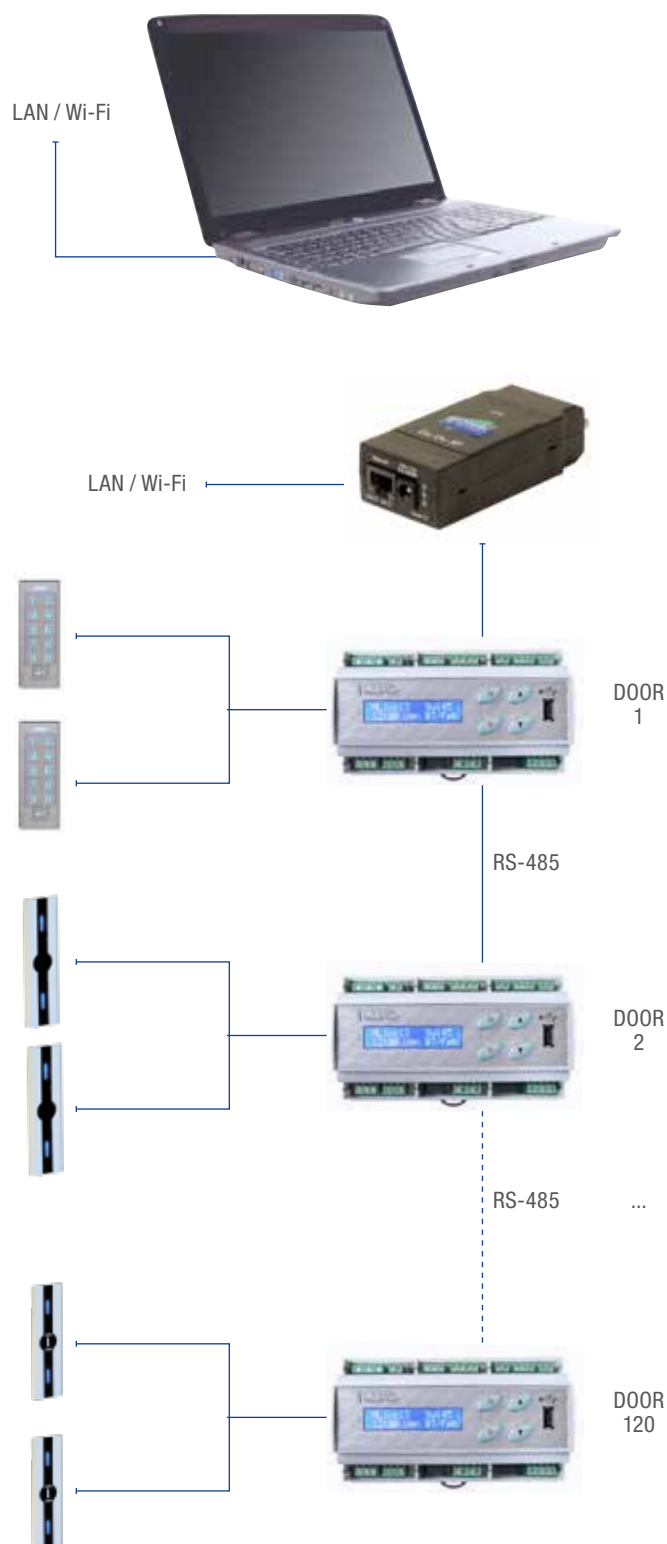
- ▶ Independent or connectable to a PC control unit
- ▶ Users configuration from the control unit or the PC
- ▶ Usb port for direct events download on Usb key
- ▶ 2 remote reading devices operating on the same door (readers/key pads)
- ▶ Fixing on DIN bar switchboard

TYPICAL APPLICATION WITH PC OPERATING SYSTEM

SERIAL CONFIGURATION RS-485



SERIAL CONFIGURATION RS-485 / LAN - WiFi



PLUS EXAMPLE

- Connection on serial network
- Connection on serial network/ethernet
- Up to 120 manageable doors
- Up to 2000 manageable users for each door



Art.

Description

55611NET

MODULAR STANDALONE/NET MANAGEMENT ELECTRONICS**For one door**

Electronics that can be managed in stand alone mode for a single independent door and in an RS-485 serial network for the connection of up to 120 doors controlled by PC through special application software, Art. 55623.

Connection to 2 peripheral reading devices (input/output) including magnetic card readers, transponder readers or code keypads. Gray ABS housing, 160 x 95 x 65 mm for attachment to DIN bar. Remote distance from the peripheral reading devices: up to 10 m with flat cable and up to 500 m with connection of the peripheral devices (readers and keypads) through dedicated RS-485 serial line (cable 4). Main power supply: 230 Vac

Internal power supply with battery charger, plug, 12 V/1.2 A external Art. 00112

Power supply output 12 Vdc - 0.5 A max for electric locks

Electric lock command: C./N.O./N.C. relay, time can be set from 1 to 99 seconds or bistable for operation of the electric lock

N.O. input, opening from button.

N.O. input for door sensor.

N.O. input for lock status.

N.O. input for enabled codes block.

Alarm relay that can be activated through door sensor by forced opening (can be deactivated by the software from the menu). Saving of users on solid-state memory on Eeprom (minimum retention 10 years)

Important: the data present in the memory can be copied and transferred to any system extensions if installed in stand alone mode. Real Time Clock (RTC) circuit for date and time management. LCD 16 x 2 display, with blue backlight for the programming and display of the system's operational states. 4-key membrane polycarbonate keyboard for programming with the following functions: Up - Down - Program - Enter. Network port: Net485 for connection and management by PC. USB port for downloading the data on the events and user list present in the memory on a USB drive. 171 Ability to save pre-existing magnetic cards coded in the second track such as, for example, credit cards, tax code cards or cards belonging to other access control systems on standard ISO 2 (if connected to a card reader Art. 55613 or 55613AL to be ordered separately). Max reading of the first 10 characters.

171 Ability to save PIN codes in ISO 2 emulation (if connected to the code keyboard Art. 55612 or 55612SS to be ordered separately).

Functions:

- Management of 2000 users with different cards or codes
- Access to all functions by local keyboard
- Programming of user codes through master code
- Setting of Net485 network parameters
- Entering of address number for connection to PC
- Programming of cards / transponders / codes
- Variable length access codes with a maximum of 10 digits
- Programming for 3 distinct time slots for each user. Selection of user access
- Prohibition by day of the week
- Programming of debit cards
- Entering of users with expiration date
- Deletion of user with possession of a title
- Deletion of the entire user list
- Date and time setting
- Lock opening time selection
- Anti pass-back selection with the use of 2 reading peripheral devices
- Alarm setting selection after 3 attempts or for forced door
- Reader block setting selection - Display of user list
- Direct download of the last 500 events and user list on a USB key



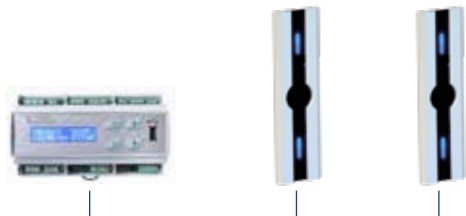
CONFIGURATION 1 DOOR WITH KEYPAD



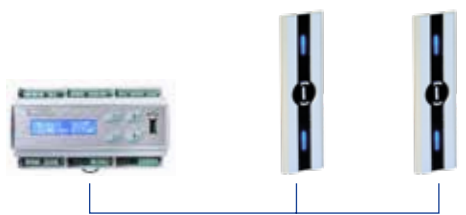
CONFIGURATION 1 DOOR WITH READER



CONFIGURATION 1 DOOR WITH TRANSPONDER








CONFIGURATION 1 DOOR WITH TRANSPONDER



CONFIGURATION 1 DOOR WITH iBUTTON

ACCESSORIES ACCESS CONTROL SERIES ACCESS MULTILINK NET

Art.	Description	
	<p>55613NET ISO 2 MAGNETIC STRIP CARD READER ABS housing body Dimensions: 100 x 34 x 26 mm. Power supply and commands: from PC through USB port. Red and green two-color LED for the display of the operational states</p> <p>Use: magnetic strip card reader for the saving and reading of the cards by PC.</p> <p>Packaging: provided with USB connection cable</p>	
	<p>55614NET USB TRANSPONDER READER ABS housing body. Dimensions: 115 x 75 x 25 mm. Power supply and commands: from PC through USB port Red and yellow LED for the display of the operational states. Operating frequency: 125 kHz (integrated antenna).</p> <p>Use: RFID tag and card reader for the saving and reading of the cards by PC.</p> <p>Packaging: provided with USB connection cable</p>	
	<p>55616NET USB - RS-485 CONVERTER ABS body. Dimensions: 60 x 38 x 20 mm. Power supply: 5 Vdc / 60 mA from PC through USB port LEDs for the display of the operational states. USB 2.0 compatibility. Provided with adapter from DB9 connector to screw connector for connection to the RS-485 network.</p> <p>Use: USB - RS-485 serial port connector necessary for connection of the serial line to the PC, which only has USB ports</p> <p>Packaging: provided with USB connection cable, 80 cm long.</p>	
	<p>55618NET TTL - RS-485 CONVERTER The serial port converter allows the connection of the different readers to the MultilinkNet electronic by means of a 4 poles cable for a max. length 500Mt</p>	
	<p>05913 SERIAL RS232 - ETHERNET CONVERTER Container in black ABS Dimensions (mm): 100 x 42 x 25 DB 9 pole connector for serial RS232 - 422 - 485 serial line selectable via dip switch 8 pole plug connector for connection to the network Operating voltage: 12 Vdc/1A from included power supply</p> <p>Use: The serial converter allows connection of devices (such as people counters) equipped with IP addresses via an Ethernet network. This way the people counter can be interrogated even from a remote PC via the local network or the internet.</p>	

Art.

Description

55622NET

SOFTWARE FOR NETWORK ACCESS CONTROL

System for access control with network management by PC for RFID transponder readers, code keypads or magnetic badge readers

Entering of an individual user badge

A reader to the side of the PC and interfaced with it allows the saving of the magnetic card or transponder in the memory of one of the Multilinks

Card entering (hereafter also understood as codes) with expiration date

Entering of cards in groups with recording of sequential codes

Entering of cards with 3 time slots

Entering of debit cards (in entrances and/or fixed amounts)

Association of personal data to the card

Disabling of a single card

Disabling of the cards in sequential groups

Management of the card operation parameters (dates, time slots, enabled doors)

Recognition of where the person is through the last badge readings with indication of the date, time, and door number

Regulation of the lock relay opening time from 1 to 99 seconds

"Manual" remote door opening (open/closed)

Activation of the door relay in scheduled mode

Total or individual reader block

Emergency unlock (activation of all of the opening relays)

Management of the date and time

Anti pass-back management

Verification operations from PC:

Download movements by the name of the user associated with the accesses made

Download movements by date (from day --- to day ---) of all of the enabled people

Download movements by accesses (from door 1, 2, etc.)

Download movements by hour/time slot

Download movements by associated parameters (e.g. name – date – time – accesses)

Check of incorrect codes read or attempts outside of the associated parameters

Check of the card coupled to the code and vice versa in the case in which a code keypad is associated to the card reader

Check and reporting of out-of-service readers

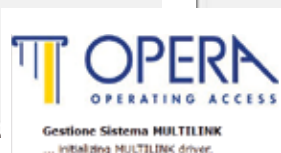
Remote network operation and query

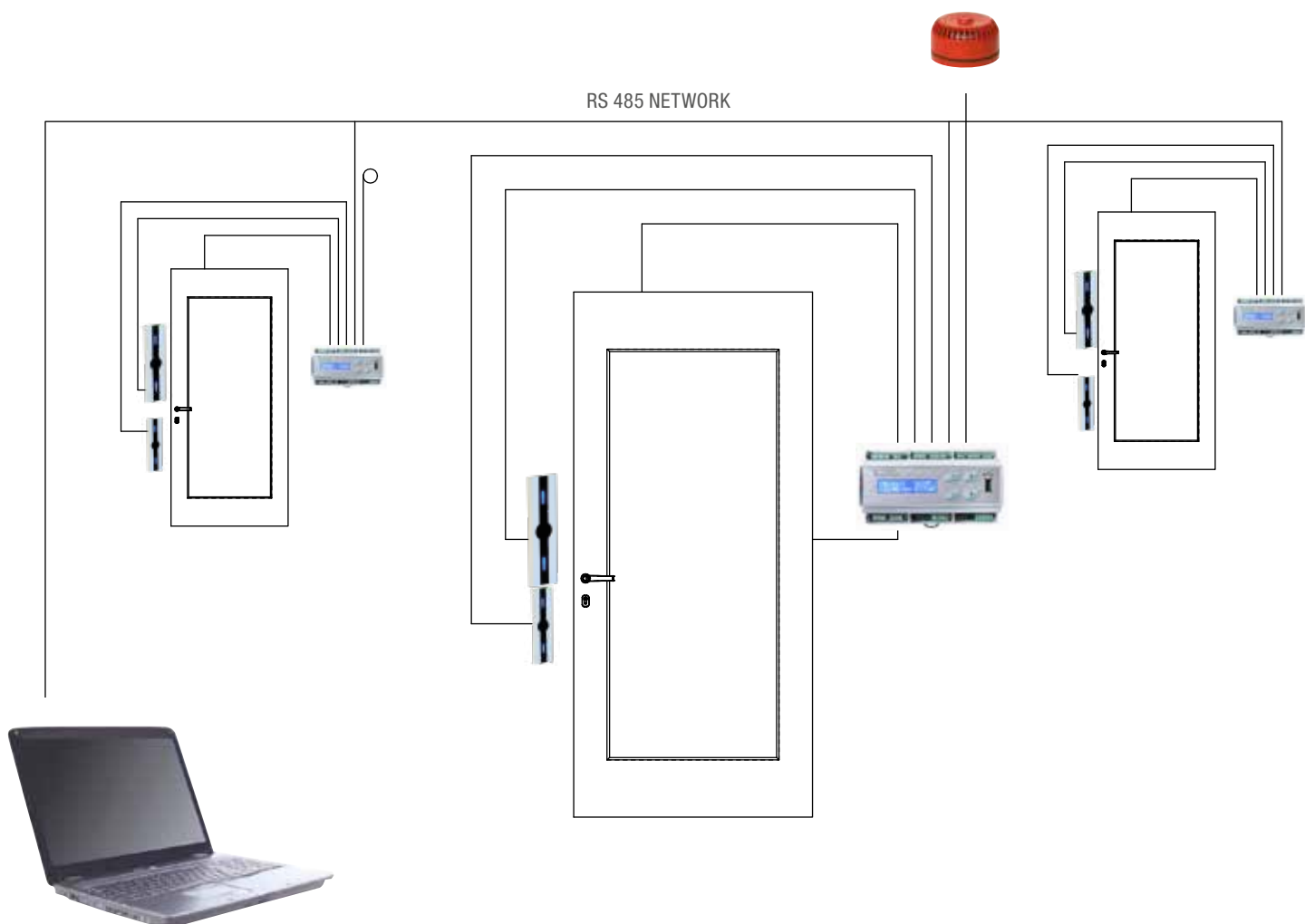
Status of the active alarms

Management of the event history

Immediate events

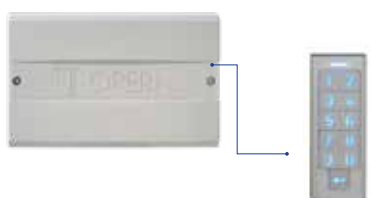
Operation of the system according to the different access levels





Art.	Description
56611A	<p>MODULAR STAND-ALONE MANAGEMENT ELECTRONICS</p> <p>Electronic circuit in white ABS container Container dimensions (mm) : 160 × 100 x 43 Operating voltage : 12 - 24 Vac/Vdc Absorbed current : 100 mA in stand-by / 600 mA at 12V and 300 mA at 24V with relay active LCD Display 3 digits in red colours 4 push buttons for programming with UP-DOWN-FUNCTION/ESC-ENTER Input for door opening from inside Input for blocking command Input for door sensor Buzzer Relay with C./NO./NC (24Vdc /10A max) adjustable from 1 to 60 sec. Alarm contact for the function of :</p> <ul style="list-style-type: none"> - Door forced - Prolonged door opening from 0 to 60 sec - Anti-tamper <p>Connection with terminal readers via Flat-cable 10 poles or RS485 Up to 490 users Memorisation via card, transponder, Button or activation code Deletion of single or entire user list Function:</p> <ul style="list-style-type: none"> - Programming of new user codes through master code - Programming of cards / transponders / codes - Variable length access codes with a maximum of 10 digits - Programming new users - Deletion of single user - Deletion of the entire user list - Relay adjustment setting - Display of total users list <p>Can be connected to 1 keypad series 55612 or 55612SS or 1 card reader 55613 or 55613AL or to 1 transponder reader 55614 - Input for indoor opening push buttons.</p>

Use: stand-alone system for access control. Allows memorisation of user codes or cards managed directly by the user via activation and cancellation cards. Easy installation and programming, can be utilised to activate an electromechanical lock or motorisation.



55612PD



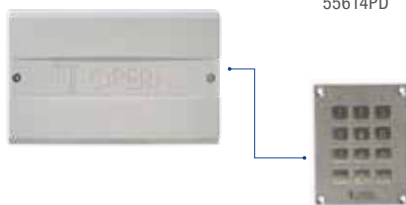
55614PD



55614



55613



55612SS



55618PD

Art.

Description



55612
55612CR

CODE KEYPAD

Container body in ABS, dimensions (mm): 129 x 46 x 30
Keypad with 10 numeric keys plus Enter button
Membrane front in polycarbonate, dome shaped keys with touch effect
Internal buzzer for key press indication
Operating Voltage: from electronics of Art. 55611NET and 56611A
Two coloured red/green LED for indication of operating status
Connection with the control unit: in TTL with ISO2 emulation
Tamper contact (active on Art. 55611NET)
Codes available comprised of 1 to 10 digits
Housing in dark grey ABS
Housing in ABS with matt chromium finish
Note: These items need to be connected with main electronics 55611NET or 56611A

Packaging: with 10 metres of flat connection cable between keypad and control unit



55612SS
56612SSD

ANTI-VANDAL CODE KEYPAD

Front of body in stainless steel (mm) 94 x 73 x 4,5
Backlit keypad with 10 numeric keys plus Enter button
IP protection rating IP 65 for external operation
Internal buzzer for key press indication
Operating Voltage: from electronics of Art. 55611NET and 56611A
Red and green LEDs for indication of operating status
Connection with the control unit via flat cable or RS485

Mortice version

Rim version with ABS housing dimensions mm 103 x 84 x 25

Note: These items need to be connected with main electronics 55611NET or 56611A

Packaging: with 10 metres of flat connection cable between keypad and control unit



55612PD
55612PDN
55612PDC
55612PDCN

ANTI-VANDAL CODE KEYPAD

Front of body in stainless steel (mm) 110 x 40 x 14
Backlit keypad with 10 numeric keys plus Enter button
IP protection rating IP 65 for external operation
Internal buzzer for key press indication
Operating Voltage: from electronics of Art. 55611NET and 56611A
Red and green LEDs for indication of operating status
Connection with the control unit via flat cable or RS485

Flush mount keypad, silver colour

Flush mount keypad, black colour

Rim mount keypad, silver colour

Rim mount keypad, black colour

Note: These items need to be connected with main electronics 55611NET or 56611A



Art.	Description
55613A	MAGNETIC CARD READER Swipe reader in black ABS Base in silver anodized aluminium (black on request) Dimensions (mm): 140 x 40 x 34 Operating Voltage: from electronics of Art. 55611NET and 56611A Red and green LEDs for indication of operating status Connection with the control unit: RS-485 Note: These items need to be connected with main electronics 55611NET or 56611A



55613AAL	ANTI-VANDAL MAGNETIC CARD READER Swipe reader in ABS in silver anodized aluminium. Dimensions (mm): 68 x 29 x 30 Operating Voltage: from electronics of Art. 55611NET and 56611A Red and green LEDs for indication of operating status Connection with the control unit: RS-485 Note: These items need to be connected with main electronics 55611NET or 56611A
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55614	TRANSPONDER CARD READER Container body in dark grey ABS with front in polycarbonate Dimensions (mm): 129 x 46 x 30 Operating Voltage: from electronics of 55611NET and 56611A Transponder reader distance: 30 mm. (55616T and 55616W) - 100 mm. (55616) Two coloured red/green LED for indication of operating status Connection with the control unit: in TTL with ISO2 emulation The transponder is based on the TAG format card operativity Note: These items need to be connected with main electronics 55611NET or 56611A Packaging: with 10 metres of flat connection cable between reader and control unit
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55614SC	TRANSPONDER CARD READER FOR CABINETS AND BOXES Housing in blue Abs - dimensions 90x57x24mm Operating Voltage: from electronics of 55611NET and 56611 Transponder reader distance: 30 mm. (55616T and 55616W) - 100 mm. (56616) Two coloured red/green LED for indication of operating status Operating technology in 125 KHz Use: Trasponder reader for mounting behind panels, cabinets or doors. Detection can be done through thimber, glass or plastic Note: These items need to be connected with main electronics 55611NET or 56611A Packaging: with 10 metres of flat connection cable between reader and control unit
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TERMINALS AND ACCESSORIES FOR ACCESS CONTROL MINILINK AND MULTILINK NET

Art.	Description	
	LETTORE DI TRANSPONDERS	<p>Front plate in anodised aluminium External dimension 140x40x6 mm Internal dimension 118x27x17 mm Operating Voltage: from electronics of 55611NET and 56611 Transponder reader distance: 30 mm. (55616T and 55616W) - 100 mm. (56616) Connection with the control unit: in TTL with ISO2 emulation or RS485 Three colours blue/red/green for indication of operating status</p>
	55614PD	<u>Front plate in s.a.a finish</u>
	55614PDN	<u>Front plate in black anodised aluminium</u>
Note: These items need to be connected with main electronics 55611NET or 56611A		
	DALLAS IBUTTON READER	<p>Front plate in anodised aluminium External dimension 140x40x6 mm Internal dimension 118x27x17 mm Operating Voltage: from electronics of 55611NET and 56611A Connection with the control unit: in TTL with ISO2 emulation or RS485 Three colours blue/red/green for indication of operating status</p>
	55618PD	<u>Front plate in s.a.a finish</u>
	55618PDN	<u>Front plate in black anodised aluminium</u>
Note: These items need to be connected with main electronics 55611NET or 56611A		
	BOX FOR SURFACE FIXING	<p>Box in anodized aluminium for 55614PD and 55618PD External dimensions (mm): 140 x 40 x 20</p>
	05502PD	<u>Silver anodized</u>
	05502PDN	<u>Black anodized</u>
	05502T	PROTECTION COVER
	<p>Box in Plexiglass for reader 55614PD and 55618PD External dimensions (mm): 153 x 47x 222</p>	

Art.

Description

**LETTORE SUPPLEMENTARE PER TOUCH KEY READER
CON ELETTRONICA PER MINILINK E MULTILINK NET**

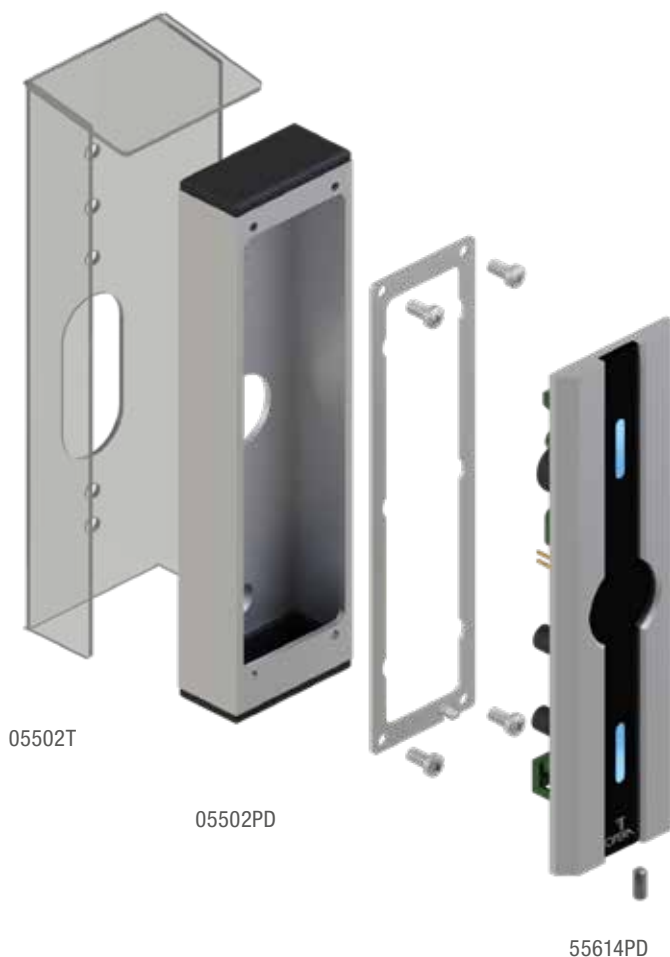
Touch Key Reader body in stainless steel

Front plate dimensions (mm): 105 × 40 × 5

Two colours red/green LED for indication of operating status

Operating Voltage: from electronics of 55611NET and 56611

Connection with the control unit: in TTL with ISO2 emulation or RS485 (if combined with 55611NET)

58018MLFront plate in silver anodized aluminium**58018MLN**Front plate in black anodized aluminium**Note:** These items need to be connected with main electronics 55611NET or 56611A

TERMINALS AND ACCESSORIES FOR ACCESS CONTROL MINILINK AND MULTILINK NET

Art.
Description


55615
55615SLA
55615SLB

MAGNETIC STRIP CARD

Card for use with encoded user in 2nd track ISO2 standard
 For use with card reader 55613 and 55613AL
 300 OE magnetic strip
 Dimensions (mm): 86 x 54 x 0.8
OPERA silk screen in four colours
Custom silk screen in four colour on main side
Custom silk screen in four colour on both side

56616



56616
56616MF
56616SLA
56616SLB
56616T
56616W

TRANSPONDER

User-coded transponder, based on 125 KHz and Mifare operation (article 56616MF).
 To be combined with transponder readers series 55614 - 55614PD - 55614SC - 57301 and article 55512MF (only for article 56616MF)
Card Formats
Opera screen-printed card format dimensions: 86 x 54 x 0.8 mm
White card format dimensions: 86 x 54 x 0.8 mm
Card format with Customer screen printing in four-color process on both sides
Grey keychain format dimensions: 40 x 31 x 4 mm
Transparent plastic wristband format, dimensions: 240 x 13 mm

56616T



56616W



DALLAS iBUTTON

iButton body in chromium plated metal on black ABS support
 dimensions (mm): 16 (diameter) x 5
 Dimensions of the ABS support (mm): 53 x 15
Key fob in black plastic
Key fob in yellow plastic
Key fob in red plastic
Key fob in green plastic

58015
58015G
58015R
58015V



Use: operating key for access control Touch Key.

Note: Each Button key is unique and unrepeatable and there are no copies. If the key is lost it must be cancelled from the reader memory and replaced with a new one.

Art.

Description



Versione da 3,2"

DIGITAL DOOR VIEWER

Size:

- 115(W) * 64(H) * 16(D)mm
- 122(W) * 66(H) * 16(D)mm

Power source: 3AAA Batteries (good for approx. 5000 "peep")

Sensor:

- 1,3 Mega Pixel CMOS
- 2,0 Mega Pixel CMOS

LCD screen:

- 3,2" TFT 320x240
- 4,0" TFT800x480

View angle: 160 degree

Fits door: 42-95mm (1.65"-3.74")

Fits barrel hole: 14-28mm



Versione da 4,0" HD

57700**57700GD****Version 3,2"**Silver colourGold colour**57701****57701GD****Version 4,0"**Silver colourGold colour**00577****On request:** brass barrel for doors from 95 to 122mm

Operating temperature: from -15°C to 50°C

Viewing angle of 160°

Activation through button with automatic shutdown after 10 seconds.

Camera designed for mounting on doors with a thickness ranging from 42 to 72 mm and from 65 to 95 mm

(Tube for doors from 95 to 105 mm provided separately upon request)



DIGITAL DOOR VIEWERS i-VISION SERIES

Door thickness

The door viewer can be installed on doors from 68 to 94mm thick.
No need to make extra holes on the door to replace existing viewer

Sensor resolution

Cam sensor technology CMOS
1,3 MegaPixel for item 57700
2,0 MegaPixel for item 57701

LCD Monitor

3,2" (resolution 320x240) for item 57700
4,0" (resolution 800x480) for item 57701

Power

3 batteries AAA
4000 screen activation capacity

View angle

160° angle view



Monitor



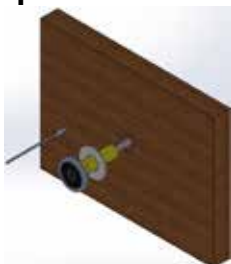
Viewer both side



Outside camera

EASY FITTING IN 3 STEPS

1



2



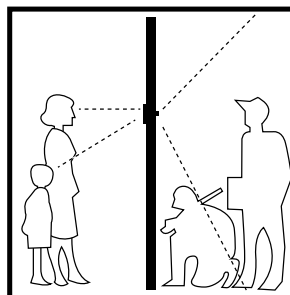
3



Lcd monitor 3,2"
Resolution 320x240
Dim. 115x64x16mm



Lcd monitor 4,0"
Resolution 800x480HD
Dim. 122x66x16mm



i-Vision is a new digital door viewer range 16mm thick. This device displays an image of the person who visits your door, providing a safe way to identify visitors and potential bogus callers before opening your door. Very clear image on screen, easy operation - just press the button, automatic switch off after 10 seconds

AVAILABLE COLOURS



Silver

Brass

PLUS

- ▶ Elegant and thin design
- ▶ Easy mounting with no tools
- ▶ Easy batteries replacement
- ▶ Low consumption, automatic switch off after 15 seconds

SEE THE WEB PAGE



Art.

Description

55640SE

**MANAGEMENT ELECTRONICS FOR CARD READER
ATM AND CREDIT CARD MANAGEMENT FOR SELF-SERVICE
AREA**

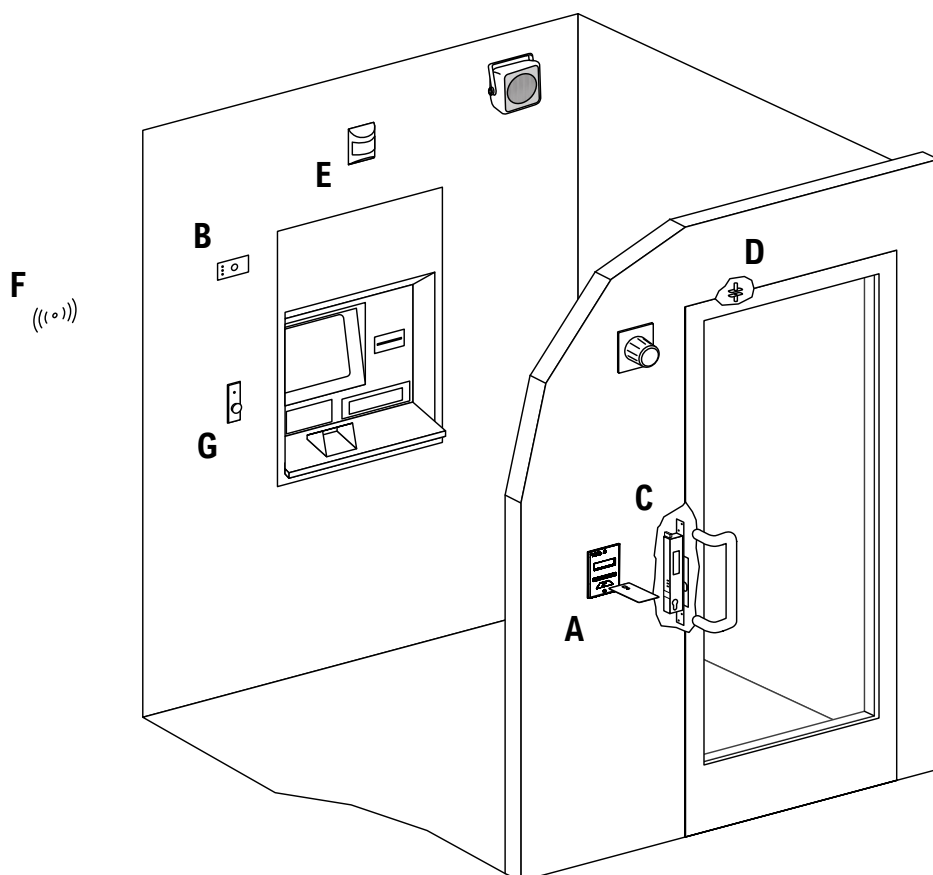
Boxed management electronics for mounting on DIN rail

Dimensions: mm 105 x 95 x 62

Power supply: 11÷14 Vac from external power supply (not included)

Front panel with:

- Network presence LED
- Low battery LED
- Central reset button and reader
- Key selector for Active/System/Day/Out of Service
- Input for remote selection of Active/System/Day/Out of Service
- Pre-programmed standard user operation times and pre-warning
- Normally Open (N.O.) input for time reset button
- Normally Closed (N.C.) input for anti-malfunction detector
- Normally Open (N.O.) input for external openings management from button
- Normally Open (N.O.) input for internal opening
- Normally Open (N.O.) input for external door sensor
- Normally Open (N.O.) input for internal door sensor (door open / reader lock)
- Normally Open (N.O.) input for ABI code enablement (e.g., timer art. 05301C)
- Amplified output for speaker connection
- Customizable internal voice synthesis management on SD Card
- Management of anti-malfunction alarm
- Output contact for managing a telephone dialer
- Relay lock opening C./N.O./N.C. - 10A selectable at 2 or 5 sec.
- Alarm output with relay 5A/230V
- **Application:** management electronics for ATM and credit card reader for opening the door of the automatic bank branch
- On request: identification of a specific ABI code for opening using the bank's membership card

**LEGENDA**

- A Bank card reader
- B Local control unit
- C Solenoid lock
- D Magnetic sensor
- E Infrared sensor
- F Emergency dialer command
- G Restart time button

ACCESS CONTROL FOR AUTOMATIC BANK SELF-SERVICE AREAS ACCESS BANK SERIES

Art.

Description

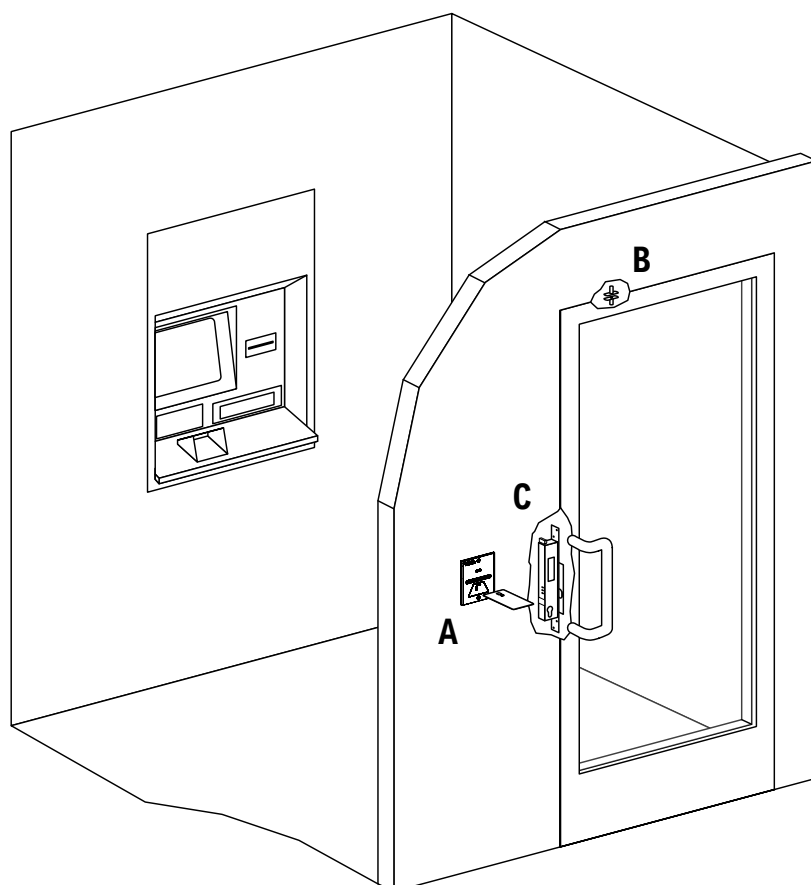
55642SE

**MANAGEMENT ELECTRONICS FOR CARD READER
ATM AND CREDIT CARD**

Electronic circuit in a gray ABS box
 Box dimensions: mm 160 x 100 x 43
 Power supply: 12/24 Vac/dc
 Current consumption: 100 mA in stand-by / 600 mA at 12 Vac/dc or 300 mA
 24 Vac/dc with active relay and connected device.
 RS-485 serial line for connection to the reader
 Open command input from button
 Lock command input
 Door sensor input
 Out of Service input
 Day operation input
 Selection of dimensional reading for magnetic stripe recognition
 Relay with C./N.O./N.C. contacts (24 Vdc / 5 A max) timer set to 2 or 5 sec.
 for
 electro-lock opening.
 Recognized reading tracks: 2nd and/or 3rd ISO - ATM, Visa, Carta Si,
 Mastercard, Bancoposta, American Express

Application: ATM and credit card reader for opening the door of the
 automatic bank branch.

On request: identification of a specific ABI code for opening
 using the bank's membership card.

**LEGENDA**

- A** ATM reader
- B** Magnetic sensor
- C** Lock

www.opera-italy.com

Common characteristics: Powered by management electronics via RS-485 serial connection. Reading tracks: 2nd and 3rd ISO - ATM, Visa, Carta Si, Mastercard; Bancoposta, American Express.



Art.

Description

55641A

MAGNETIC CARD INSERTION READER

Front made of silver anodized aluminum
Backlit LCD display indicating operational states
Front dimensions: mm 100 x 80 x 5
Internal dimensions: mm 70 x 65 x 95 (internal depth max mm 100)

Application: can be combined with item 55640SE.



55641B

MAGNETIC CARD INSERTION READER

Front made of silver anodized aluminum
Red and Green LEDs indicating operational states
Front dimensions: mm 100 x 80 x 5
Internal dimensions: mm 70x65x95 (internal depth max mm 100)

Application: can be combined with item 55642SE.

NEW



55641C

MAGNETIC CARD INSERTION READER

Front made of silver anodized aluminum
Red and Green LEDs indicating operational states
Front dimensions: mm 202 x 40 x 5
Internal dimensions: mm 146 x 35 x 80 (internal depth)

Application: can be combined with item 55640SE.

**55641D****SWIPE MAGNETIC CARD READER**

Black ABS reader body with red and green LEDs for indicating operational states
 Dimensions: 40 x 40 x 35% 20 (silver finish)

Application: can be combined with item 55642SE.

**55641E****SWIPE MAGNETIC CARD READER**

Reader body in silver anodized aluminum with Red LED
 Dimensions: about 30 x 3 and operational states

Application: can be combined with items 55640SE and 55642SE.

NEW**55641F****SWIPE MAGNETIC CARD READER**

Frontal mounting in silver anodized aluminum
 Red and Green LEDs indicating operational states
 Frontal mounting dimensions: mm 202 x 40 x 5
 Reader body in silver anodized aluminum
 Dimensions: mm 85 x 35 x 35

Application: can be combined with items 55640SE and 55642SE.

**55641G****OPEN BUTTON**

Frontal mounting in silver anodized aluminum
 Button with Normally Open (N.O.) opening contact with backlit blue LED frame
 Red and Green LEDs indicating operational states
 Dimensions: mm 140 x 40 x 6

Application: can be combined with item 55640SE.

**Art.****Description****05502PDB****SURFACE MOUNT BOX**

Box in silver anodized aluminum

External dimensions: mm 140 x 40 x 20

Application: for opening button item 55641G and for time reset button item 05645**05645****TIME RESET BUTTON**

Red-flapped wings with Normally Open (N.A.) contact

Red LED indicating the time reset request

Dimensions: mm 140 x 40 x 6

Application: time reset button for control unit item 55640SE**05648****SPEAKER**

Speaker to be mounted in a white ABS box for connection to voice synthesis

Dimensions: mm 118 x 87 x 86

Power: 20 W/4 ohms

ACCESS CONTROL FOR AUTOMATIC BANK SELF-SERVICE AREAS ACCESS BANK SERIES

Art.

Description

05651

CANOPY HOUSING

Black painted steel canopy housing for external application of reader items 55641A, 55641B
Dimensions: mm 106 x 86 x 110

**SURFACE MOUNT BOX**

Silver anodized aluminum box

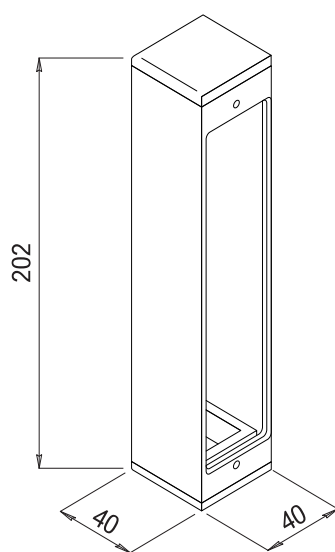
05652

External dimensions: mm 202 x 40 x 40

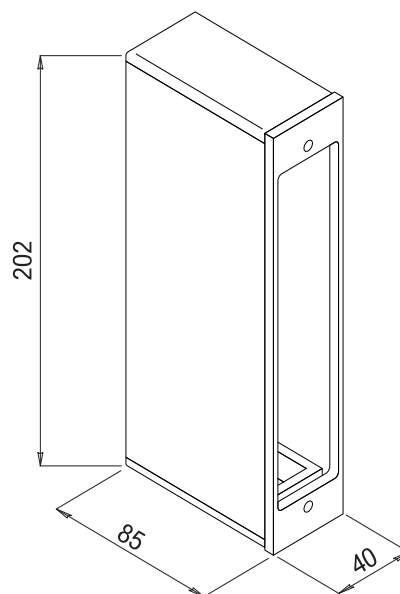
05653

External dimensions: mm 202 x 40 x 85

Application: for insert card reader item 55641C



05652



05653



Art.

Description

57301

ANTI-VANDAL CODE KEYPAD

Container body in anodized aluminium
 Dimensions (mm): 151 x 44 x 23
 Keypad with backlit buttons
 Remote electronic in ABS - dimension mm111 x 72 x 29
 Operating voltage: 12/24 Vac/dc
 Absorbed current: 50 mA in stand-by / 95 mA with relay active
 Internal buzzer for key press indication
 Housed-in electronics for:
 Management of the lock opening command (management of 2 doors with only one keypad)
 Tamper contact with alarm activation
 IP rating: IP65
 Built in electronic circuit inside the keypad
 Timed output contact from 1-99 seconds for control of lock opening
 Up to 1,000 codes can be memorised
 Up to 10 transponder cards at 125 KHz can be memorised
 Programming of access with only PIN, only transponder or PIN + transponder
 Memorisation of separate codes for door 1 or door 2
 Activation of tamper alarm
 Code cancellation: single or total
 Keypad with 10 numeric keys plus Enter button
 Call push button can be activated
 Block of keypad operation after insertion of three incorrect codes with activation of the alarm and timed auto-reset contact
 Input for door sensor with N.C. contact (open with door closed)
 Relay 1 with C./N.O./N.C contacts for opening of electromechanical locks
 Relay 2 with C./N.O./N.C contacts selectable alternatively for:
 - alarm signalling (burglary, invalid codes)
 - door opening i

TRANSPONDER

User-coded transponder, operating at 125 kHz.

56616

56616SLA

56616SLB

56616T

56616W

Screen-printed card format Opera dimensions: mm 86 x 54 x 0.8

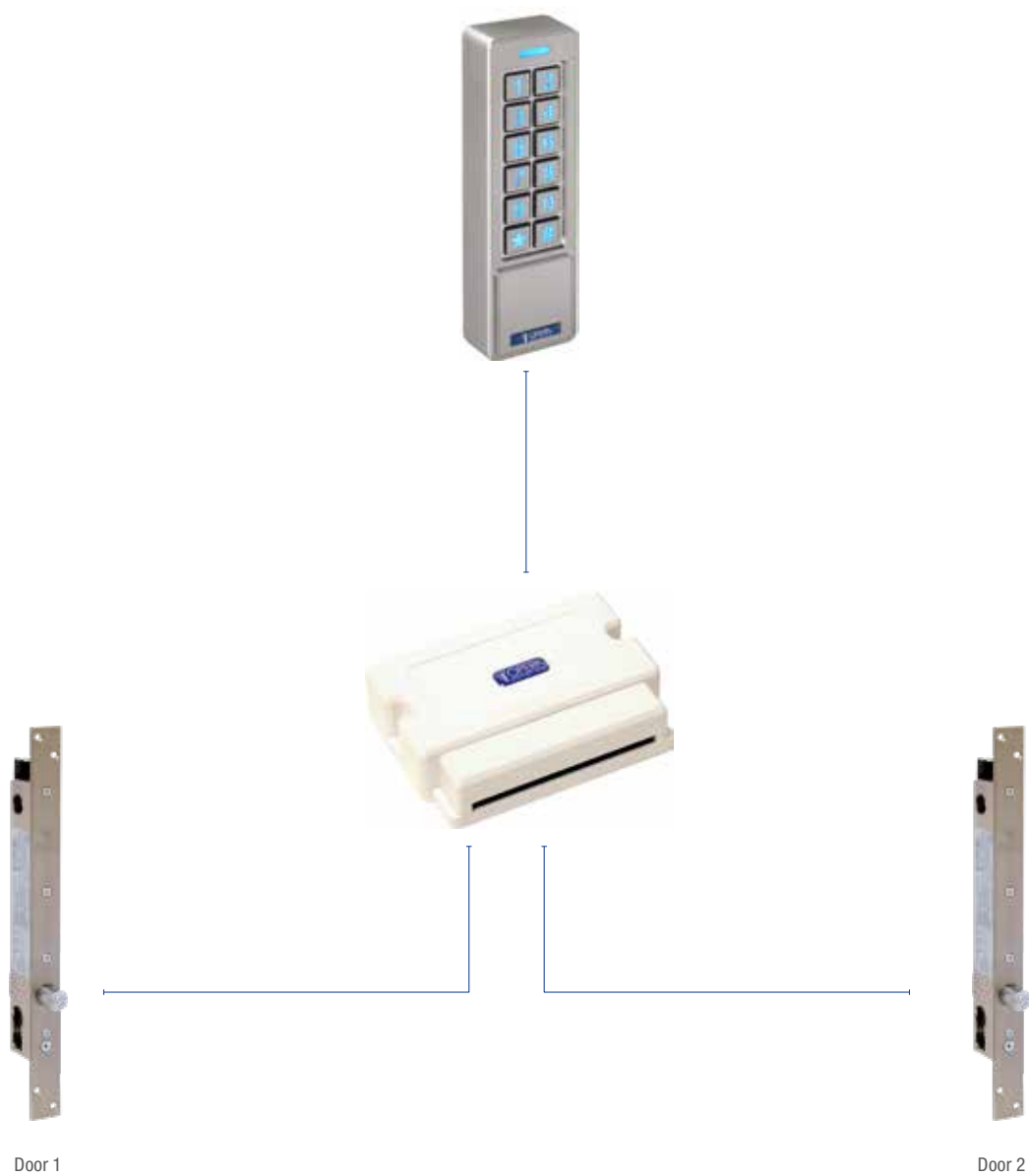
Card format with Customer quadrichrome screen printing on one side

Card format with Customer quadrichrome screen printing on two sides

Gray keychain format dimensions: mm 40 x 31 x 4

Transparent plastic bracelet format, dimensions: mm 240 x 13





PIN



RFID



PIN + RFID

Art.

Description



57312
57312N
57313
57313N

KEYPAD - STAND ALONE

Container body in anodized aluminium
 Flush version - Dimensions (mm): 110 x 40 x 15l
 Rim version — Dimensions (mm) : 110 x 45 x 3/
 Keypad with backlit buttons
 Operating voltage: 12 Vac/dc - 24 Vac/dc
 Absorbed current: 30 mA in stand-by / 60 mA with relay active
 Internal buzzer for key press indication
 IP rating: IP65
 Housed-in electronics for:
 Management of the lock opening command
 Output relay N.O - N.C - (12/24Vac/dc - 1,5A max)
 Timed output contact from 1-99 seconds for control of lock opening
 Up to 500 codes can be memorised from 2 to 6 digits
 Input N.O for door opening command
 Code cancellation: single or total
 Keypad with 10 numeric keys plus Enter button
 Block of keypad operation after insertion of 5 incorrect codes with activation of auto-reset in 1 minute

Flush version - silver finish

Flush version - dark finish

Rim version - silver finish

Rim version - dark finish



application example

Art.

Description

TOUCH KEY READER

Front plate in anodized aluminium
 Front plate dimensions (mm): 105 x 40 x 5
 Electronic circuit in white ABS container
 Container dimensions (mm): 111 x 72 x 29
 Operating voltage: 9 Vac / 12 Vdc
 Absorbed current: 10 mA in stand-by / 40 mA with relay active
 Operating key Dallas (sold separately Art. 58015)
 Supply of 2 Dallas Master system keys:
 1 "Green" programming key
 1 "Red" cancellation key
 Relay for door opening contact selectable in monostable or bistable mode
 Programmable users: 500
 Two colours red/green LED for indication of operating status

Electronics + reader with silver anodized front

Electronics + reader with black anodized front

Additional reader with silver anodized front

Additional reader with black anodized front

Use: the stand-alone system for access control Touch Key is based on the operativity of the Dallas key which, being unique and unrepeatable, provides the highest standards of security. Easy to install and program, it can be used for electromechanical lock release, motorisation or, selecting the bistable relay, to arm or disarm an alarm system. Also ideal for use in applications where the reader must be exposed to weather conditions

58000**58000N****58013****58013N****DALLAS iBUTTON**

Button body in chromium plated metal on black ABS support
 dimensions (mm): 16 (diameter) x 5
 Dimensions of the ABS support (mm): 53 x 15

Key fob in black plastic

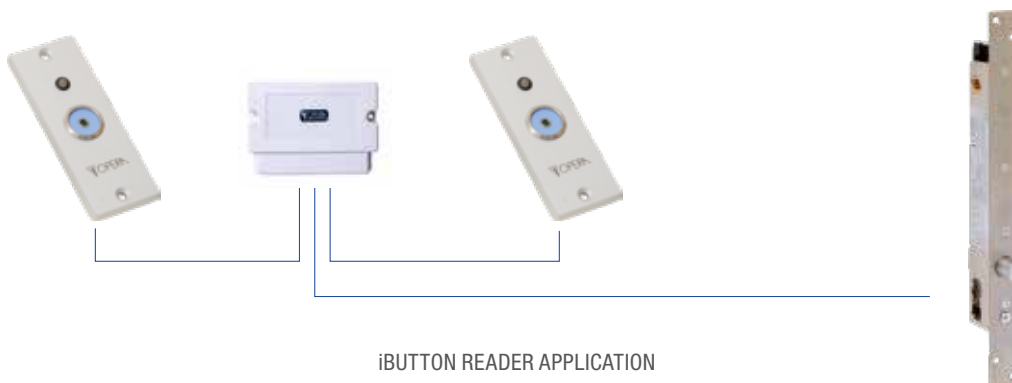
Key fob in yellow plastic

Key fob in red plastic

Key fob in green plastic

58015**58015G****58015R****58015V**

Use: operating key for access control Touch Key.
 Each iButton key is unique and unrepeatable and there are no copies.
 If the key is lost it must be cancelled from the reader memory and replaced with a new one.



iBUTTON READER APPLICATION



58200SA

Art.**Description****BIOMETRIC**

Reader body in silver anodized aluminum

Dimensions: mm 95 x 51 x 25

Power supply: 9-14 Vdc (Assorted: 100 m)

Red, orange, and green LEDs for operational status indication

Functions:

- Fingerprint enrollment through Master fingerprint
- Touch sensor: thermal fingerprint recognition
- Verification and image capture time: 1 second
- User capacity: 97 fingerprints
- 2 Separate user groups
- Administrator capacity: 3 fingerprints
- Operating temperature: -20 / +50 °C
- Protection class: IP67
- 10-conductor connection cable - length 1 m
- Anti-tampering tamper contact
- Relay output (24 Vac/dc - 2A) with C./N.A./N.C. contacts for electro-lock opening
- Relay activation time: momentary (1, 3, 5, 10, 20, 30, 60 sec.) or latching (ON/OFF)
- Application: Stand-alone fingerprint reader that allows secure and reliable door openings through high-quality thermal fingerprint reading.
- Suitable for outdoor use
- Stand-Alone biometric reader for indoor applications.
- Can be combined with item 05820 or 05820SB for outdoor applications.

58200SA

Stand-Alone biometric reader for indoor applications.

Can be combined with article 05820 or 05820SB for outdoor applications.

05820SB**TOUCH BUTTON**

Button body in silver anodized aluminum

Dimensions: mm 95 x 51 x 25

Power supply: 12 Vdc (9-14 Vdc) Consumption: 100 mA max

Red/green LEDs for operational status indication

Touch-sensitive opening button with internal management electronics

Operating temperature: -20 / +50 °C

Protection class: IP67

Relay output (24 Vac/dc - 2A) with C./N.A./N.C. contacts for electro-lock opening

Relay activation time: momentary (1, 3, 5, 10, 20, 30, 60 sec.) or latching (ON/OFF)



05820SB

Application: can be combined with the stand-alone reader item 58200SA.

05820**REMOTE MANAGEMENT ELECTRONICS**

Gray ABS box mm. 90 x 36 x 32 for mounting on DIN rail, 2 modules

Power supply: 9 - 14 Vdc

Consumption: 80 mA

Communication with the biometric reader: RS-485

Operating temperature: 0 / 4-40 °C

Protection class: IP31

2 Relay outputs (24 Vac/dc - 3A) with C./N.A./N.C. contacts for independent opening of 2 electro-locks

Relay activation time: momentary (1, 3, 5, 10, 20, 30, 60 sec.) or latching (ON/OFF)



Application: remote management electronics for pairing with reader item 58200SA.

ACCESS BIOMETRIC ACCESS CONTROL SYSTEM SERIES

Art.

Description

05821

PROTECTION COVER

Polycarbonate protective cover for using the exposed reader directly in harsh weather conditions

Dimensions: 130 mm x 78 mm x 30 mm

Application Example
Stand-Alone Version

58200SA

Application Example
remote control Version

58200SA



05820SB

Application Example
Remote electronic
Version on DIN rail

58200SA



05820



STAND-BY

ENABLED
FINGERPRINTDISABLED
FINGERPRINT

doora

REMOTE EASY ACCESS



Doora...
No key, No stress!



www.doora.it

Which advantages?

Being a GSM system, there is no risk of informatic hacking.
It can be installed even in spaces with no internet connection.

The access can be **managed remotely from everywhere in the world and without internet connection.**

L'accès peut être **géré à la distance partout dans le monde** sans connexion internet.

System can manage **up to 18 doors** in one single connection/PIN.

It can authorize **single time slots.**

Zero costs of maintenance/management.

GSM telephonic door opener ▼
Operation mode by SIM card activated by portable or fixed phone

Exits ▼
Two exit contacts, manageable direct or bistable

Programming ▼
By Pc or App

Users quantity ▼
The internal memory can save up to 1.000 users

Confirmation notifications ▼
Received command confirmation message forward



SMS forward message if the door is opened ▼
Function can be activated by App or Software

Free of charge App for the SMS commands management ▼
Can be downloaded on the Apple Store or Google Play.

GSM radio version ▼
Functioning extension with radio modules and peripheral devices

Exits activation ▼
By call or code if combined with keyboards

Supplementary exits ▼
Can be combined with up to 18 supplementary radio modules for direct activation or by keyboard

App Opera-57501



PLUS EXEMPLE

- ▶ Easy installation and use
- ▶ Manageable from any telephone device
- ▶ Operations can be activated with a simple call or by SMS
- ▶ SMS answer/confirmation

For Residential Use

Doora is the suitable system for those who want to manage their apartment remotely, at any time and from anywhere.

It is ideal for remote activation of door openings, automation of automatic gates, activation and deactivation of alarm systems, turning on lights, activating the air conditioner, or garden irrigation system.



For B&B

If you own a B&B and want to solve the issue of key delivery to your guests and cleaning staff, DOORA is the system for you.

Thanks to the DOORA system, your guest (or service personnel) can access your B&B with just **two simple steps**:

1. With a phone call, they can open the gate/door of the property.
2. Once at the front door, they just need to enter a code to gain entry

With DOORA, you will solve the key delivery problem and ensure the security of your guests, preventing the possibility of keys being copied for illicit reasons.



Art.	Description
------	-------------

DOORA GSM TERMINAL

White ABS body for wall mounting
Dimensions: mm. 160 x 100 x 43
Power supply: 12/24 Vdc – 12/18 Vac
Absorption: 90 mA at 12 Vdc


GSM

LED signalling on the front plate of the box for:

- Green colour LED for the system status visualisation
- Yellow colour LED for the active/faulty connection
- Red colour for exit 1 active visualisation
- Red colour for exit 2 active visualisation

Internal GSM module UMTS – 3G
Slot for the SIM card insertion (on demand external antenna for a USB connector type B for the configuration and the firmware update
Internal connections by screw clamps
Can be matched by radio to keyboards, relay modules and other expansion devices
Relay exit 2 C:/N.O./N.C. (12V / 2A max) selectable
Work independently with temporized monostable contact (for example lock opening) or bistable (for example alarm activation and deactivation) by portable phone.
2 optoisolated entries with N.O. contact

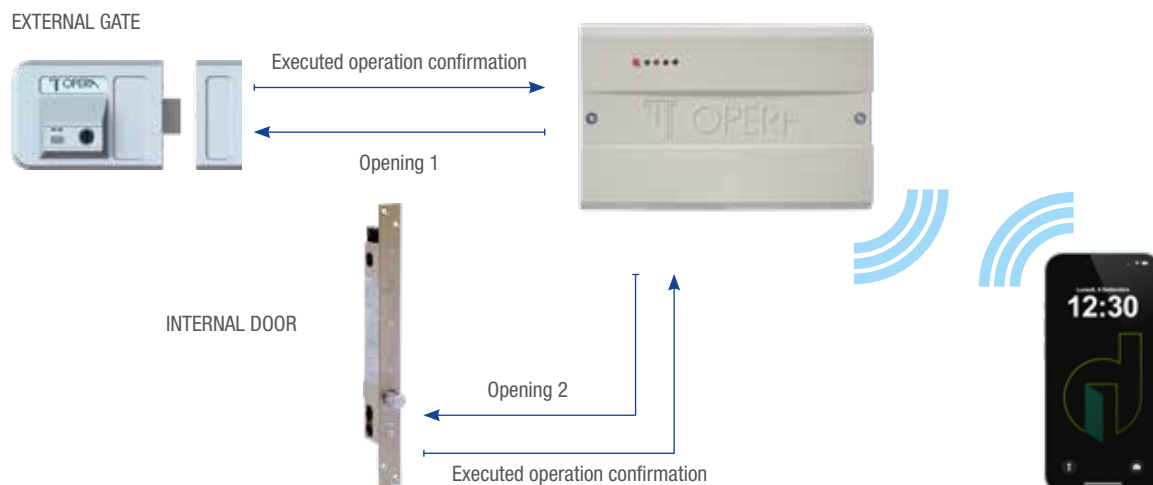
Functions:

- Controllable Exit by SMS
- SMS for the entry activation (executed operation or alarm)
- Internal memory with up to 1.000 authorized telephone numbers
- Configuration by Windows Pc software, App or SMS
- Activation selection by call, App or SMS
- SMS confirmation for the sent message receipt
- Entry contacts for the confirmation by SMS of the executed operation

57501
57501RF-868
GSM Terminal
GSM Terminal with radio module 868 MHz

Use: remote activation system for door opening, garages, gates, alarms, lighting, irrigation system, etc. Through the entry contacts, it can give information regarding the alarm activation, the door opening, the lack of power supply in the apartment, etc.

APPLICATION EXAMPLES





Art.

Description

57512RF-868

WIRELESS KEYPAD

Dark gray ABS box body, dimensions: mm 129 x 46 x 30
Keypad with 10 numeric keys and an Enter button
Polycarbonate membrane film, domed keys with tactile feedback
Internal buzzer for signaling keypress success
Power supply: 12 Vac/dc - 24 Vdc
Status LED for radio connection and operational states display
868 MHz radio connection with GSM terminal item 57501RF-868
Maximum range: 30 meters in an open area

Operation: in conjunction with the GSM control unit item 57501RF-868, allows for door opening by entering the user's PIN.
There are no wired connections between the keypad and the GSM control unit since transmission occurs wirelessly.



57512SRF-868

OUTDOOR VANDAL-RESISTANT KEYPAD WITH WIRELESS CONNECTION

Front panel and keys made of stainless steel
Dimensions with black ABS housing to be applied: mm 103 x 84 x 25
Keypad with 10 backlit yellow numeric keys plus an Enter button
Suitable for outdoor use
Buzzer on the radio board to signal successful keypress
Power supply: 12 Vac/dc - 24 Vdc
Status LED for radio connection and operational states display
868 MHz radio connection with GSM terminal item 57501RF-868
Maximum range: 30 meters in an open area

Operation: in conjunction with the GSM control unit item 57501RF-868, allows for door opening by entering the user's PIN. There are no wired connections between the keypad and the GSM control unit, as transmission occurs wirelessly.

**OUTDOOR VANDAL-RESISTANT KEYPAD WITH WIRELESS CONNECTION**

Front panel and keys made of anodized aluminum
Dimensions with black ABS housing to be applied: mm 120 x 46 x 20
Keypad with 10 backlit white or blue numeric keys plus an Enter button
Suitable for outdoor use
Buzzer on the radio board to signal successful keypress
Power supply: 12 Vac/dc - 24 Vdc
Status LED for radio connection and operational states display
868 MHz radio connection with GSM terminal item 57501RF-868
Maximum range: 30 meters in an open area






57513RF-868

Silver color

57513NRF-868

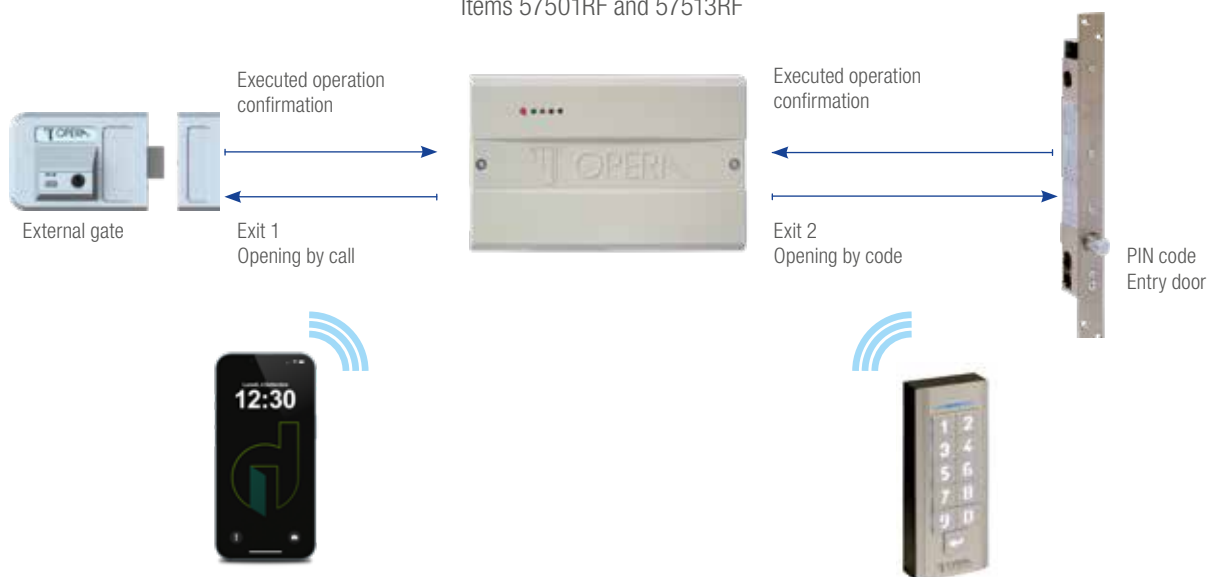
Black color

Operation: in conjunction with the GSM control unit item 57501RF-868, allows for door opening by entering the user's PIN. There are no wired connections between the keypad and the GSM control unit, as transmission occurs wirelessly.

Art.	Description
	<p>57515RF-868 RADIO REPEATER MODULE</p> <p>Dark gray ABS box body, dimensions: mm 66 x 50 x 20 Power supply: 12 Vac/dc - 24 Vdc Bicolor red/green LED for radio connection display RS-485 for connection with the keypad 868 MHz radio connection with GSM terminal item 57501RF-868 Maximum range: 30 meters in an open area</p> <p>Operation: radio signal repeater in conjunction with the keypad with code 57512RF-868, 57512SRF-868, 57513RF-868, to be connected via RS-485 cable to the keypad when installed far from the GSM control unit.</p>
	<p>57516RF-868 RELAY MODULE WITH WIRELESS CONNECTION</p> <p>White ABS box body, dimensions: mm 66 x 50 x 20 Power supply: 12 Vac/dc - 24 Vdc Bicolor red/green LED for operational status display Relay output C./N.A./N.C. (12 V / 2 A max) 868 MHz radio connection with GSM terminal item 57501RF-868 Maximum range: 30 meters in an open area Setting of 16 addresses with internal dip switches Relay activation via App or SMS</p> <p>Operation: the relay module is remotely activated by the GSM control unit item 57501RF-868, allowing for home automation management. Through the doora App, functions such as door opening can be activated remotely. Dedicated to use with items 5156218-66, 57512RF-868, 57313RF-868, it allows the management of up to 16 additional keypads. There are no wired connections between the module and the GSM control unit, as transmission occurs wirelessly.</p>
	<p>57517 ADDITIONAL EXTERNAL GSM ANTENNA</p> <p>Height: 78 mm Antenna cable length: 2.5 m. Base with adhesive attachment</p> <p>Application: additional antenna to be paired with items 57501 and 57501RF-868 in cases where the control unit is installed in a position where it does not receive sufficient GSM signal.</p>
	<p>00661A TWISTED PAIR CABLE</p> <p>Shielded twisted pair cable with two pairs of wires for binary data transmissions.</p> <p>Application: for connecting devices on the Doora serial line.</p>
	<p>57518 GSM / UMTS MODEM</p> <p>Blue ABS box body Dimensions: mm 80 x 70 x 30 Mounting system: wall-mounted or on DIN rail Operating frequencies: GSM, GPRS, and UMTS Power supply: 6 - 21 Vdc / 2A peak - 250 mA in standby (supplied with power adapter) Interface: RS232 serial port and USB 2.0 SIM card slot SMA female antenna connector. Supplied with antenna with a cable length of 2.5 m. Supplied with USB cable</p> <p>Operation: GSM modem for connecting to a PC for managing the Doora system through software application.</p>

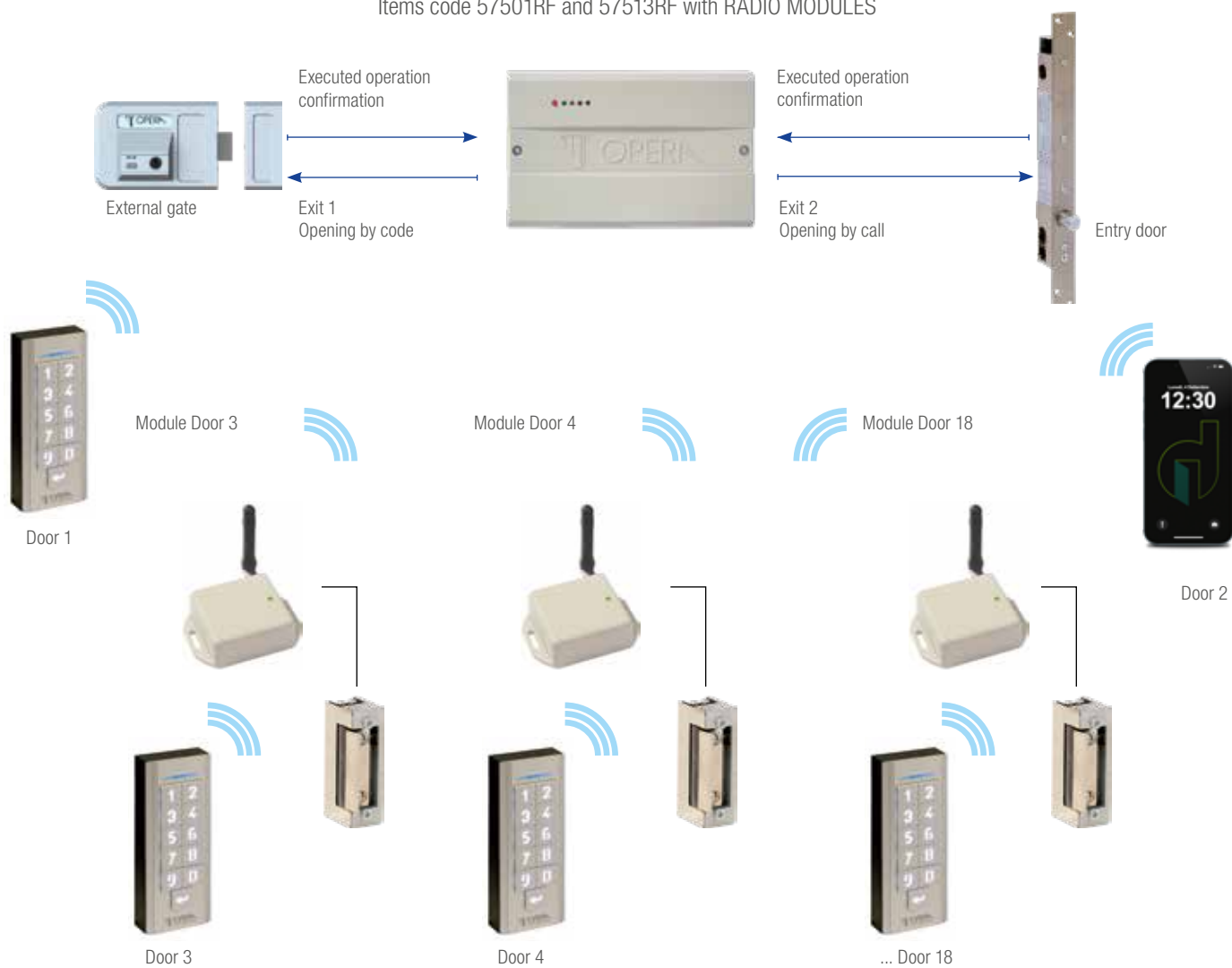
APPLICATION EXAMPLES

Items 57501RF and 57513RF



APPLICATION EXAMPLES

Items code 57501RF and 57513RF with RADIO MODULES



Art.

Description

57522

DOORA SOFTWARE

Application software for the doora system management by local PC through USB door or remotely through GSM modem item code 57518.

Operative system Microsoft Windows 7.1 and those following

Protection by password

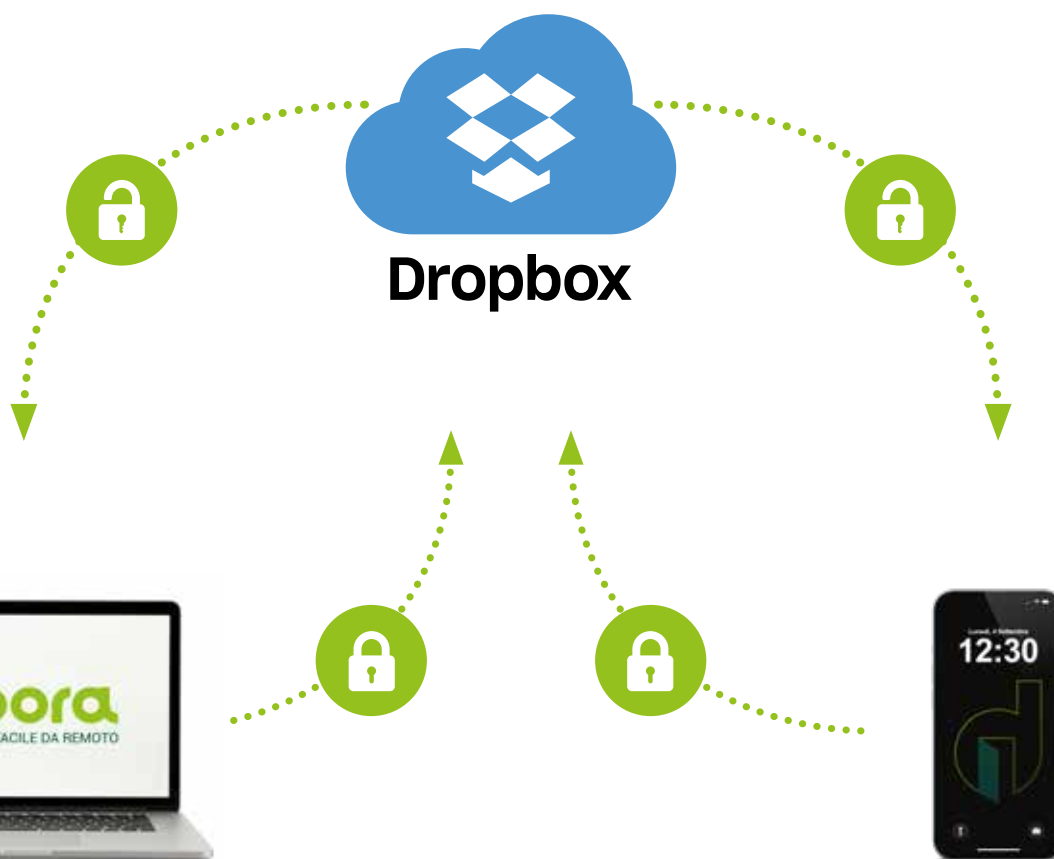
Administrator creation

Door opener creation/ accommodation facility

Introduction, Modification, Deleting of single users

User introduction with:

- Name
- Phone number
- Date and time of arrival and departure
- Doors selection to authorize by call or Pin code
- Automatic or manual PIN code creation
- Unlimited users openings (for example for maintenance)
- Availability by date
- Configuration and data base storage on DropBox cloud



Art.

Description

**DOORA APP**

App for the doora system management, remotely by handphone

Operative system Apple iOS and Android

Protection by password

Date base creation

Administrator creation

Door opening/accommodation facility creation

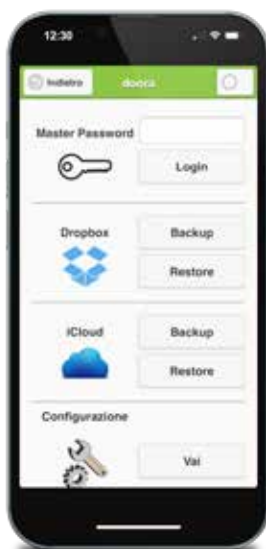
Introduction, Modification, Deleting of single users

User introduction with:

- Name
- Date and time of arrival and departure
- Doors selection to authorize by call or Pin code
- Automatic or manual PIN code creation
- Unlimited users openings or xxxxxx (for example for maintenance)
- Availability by date
- Configuration and data base storage on DropBox cloud



Download App
Doora 57501



NEW



Art.	Description
	ENERGY SAVING MANAGEMENT UNIT ABS box dimensions: mm 111 x 72 x 29 Power supply: 12-24 Vdc / 12-18 Vac Current absorbed: 100 mA max Real-time clock for battery-backed date and time maintenance Power relay output for current enablement 868 MHz radio circuit Number of relay outputs C./N.A./N.C (1A at 30 Vdc): - User room enablement input - Enable/disable air conditioning system contact Number of Open Collector Outputs (100 mA max 60 Vdc): - Malaise alarm output - "Low battery" warning for radio sensors - "Extended door opening" output Number of inputs for wired sensors and/or auxiliary contacts: - Malaise alarm activation (e.g., bathroom pull cord) - Magnetic door status sensor (N.C when the door is closed) - Magnetic window status sensor (N.C when the window is closed) - Presence sensor (N.C contact at rest) In the radio version, up to 16 devices per channel can be associated. Channel 1: Radio magnetic sensor Art. 57532ARF for "door status" Channel 2: Radio magnetic sensor Art. 57532ARF for "window status" Channel 3: Radio sensor Art. 57533ARF and/or 57534ARF for "person presence" 57530A <u>Version with wired connection</u> 57530ARF <u>Version with 868 MHz radio connection</u>

Operation: A unit that allows automatic recognition of the presence of people inside the apartment for the consequent activation/deactivation of electrical power on specific devices (e.g., lights and air conditioner). It can also be installed independently of the Doora system (e.g., in facilities managed with keys or other systems).



	WIRELESS MAGNETIC SENSOR Dimensions: 135 x 35 x 34 mm Detection: Reed contact Power supply: AA lithium battery, 3.6 V, 2,200 mAh (included) Radio frequency: 868 MHz Consumption: 12 µA Self-learning storage: present Red LED for alarm indication Double event transmission (DTE): present Radio range: up to 200 m in open air Transmission type: alarm, tampering, battery status Operating Temperature: -5 ÷ +40 °C 57532ARF <u>Brown color</u> 57532ABRF <u>White color</u>
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Operation: Magnetic contact for indoor opening protection of doors and windows. The transmitter module, housed in a plastic container, has an anti-opening microswitch and a button for memorization. Can be paired with the radio control unit item 57530ARF.

Art.

Description



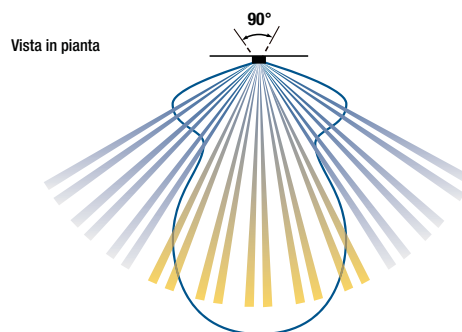
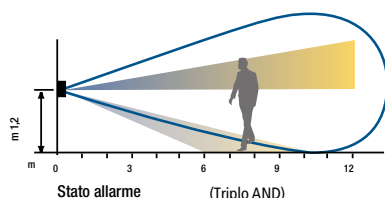
57533
57533ARF

WIRELESS PRESENCE DETECTOR

Detection: Dual PIR + 10.525 GHz microwave sensor
 Dimensions: 71 x 102 x 56 mm
 Power supply: 3.6 V lithium battery, 2,200 mAh (included)
 Standby consumption: 12 μ A (during detection: 25 mA)
 Horizontal coverage: 90°
 Detection range: 12 meters
 Radio range: up to 200 meters in open air
 Radio frequency: 868 MHz
 Transmission type: alarm, tampering, battery status
 MW sensitivity: adjustable via trimmer
 Operating temperature: +5 °C ÷ +40 °C

Wired version868 MHz radio version

Operation: Indoor dual-technology radio presence detector, microwave plus infrared. Equipped with a joint for wall or ceiling mounting with metal locking. Protected against tampering.



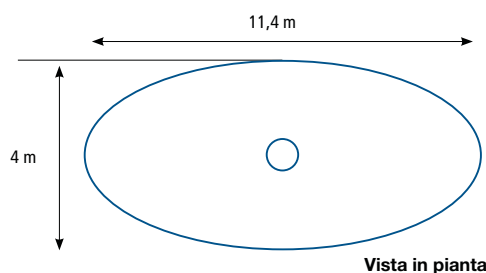
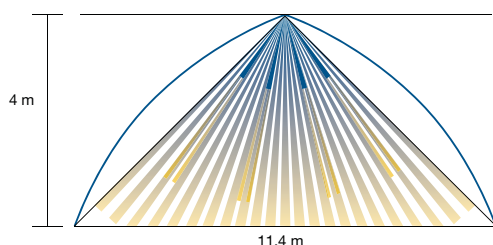
57534
57534ARF

WIRELESS PRESENCE DETECTOR

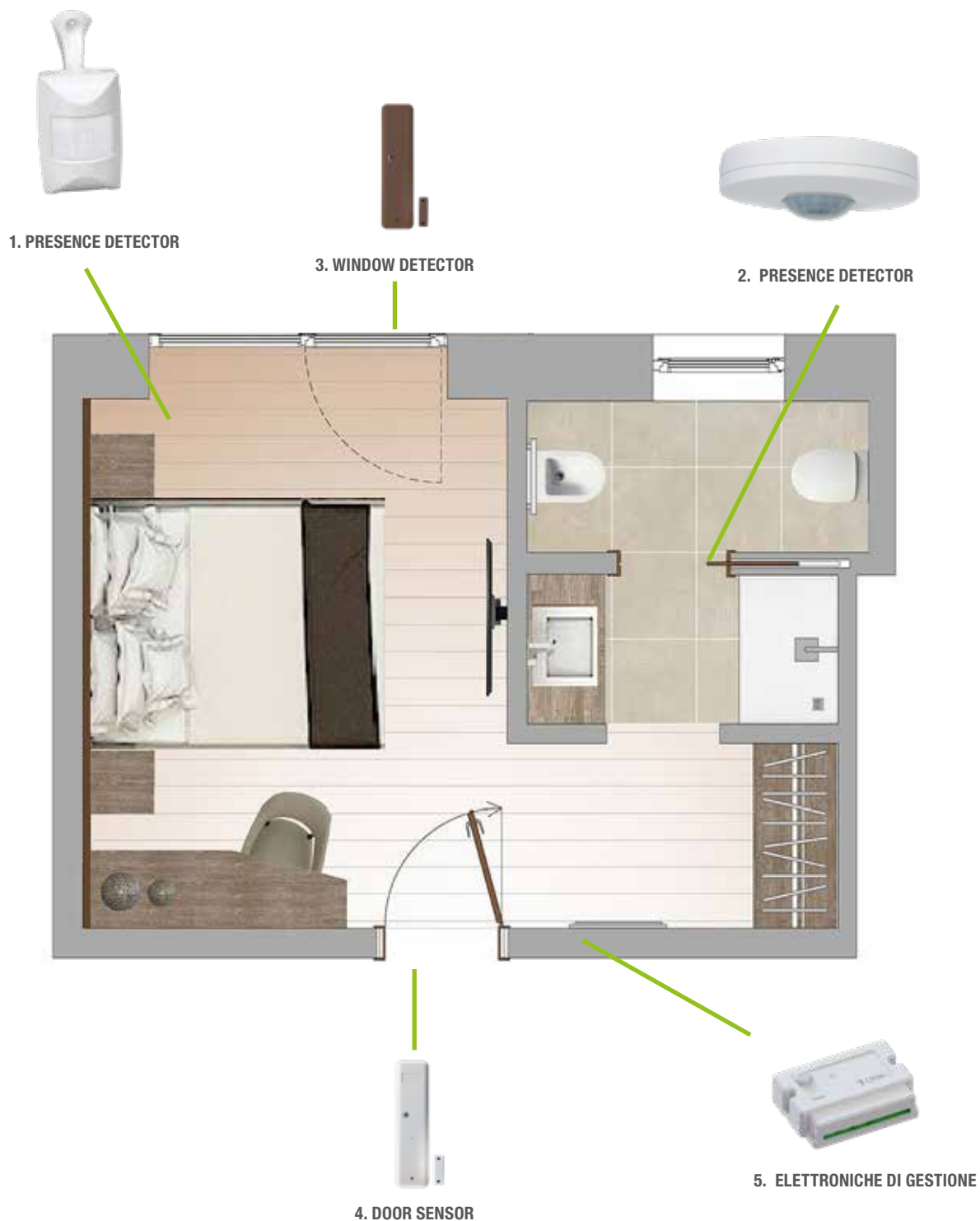
Detection: Dual PIR + 10.525 GHz microwave sensor
 Dimensions: \varnothing 129 x 43 mm
 Power supply: 3.6 V lithium battery, 2,200 mAh (included)
 Standby consumption: 12 μ A (during detection: 25 mA)
 Detection area: elliptical
 Detection range: 12 m
 Radio range: up to 200 m in open air
 Radio frequency: 868 MHz
 Transmission type: alarm, tampering, battery status
 MW sensitivity: adjustable via trimmer
 Operating temperature: +5 °C ÷ +40 °C

Wired version868 MHz radio version

Operation: Indoor ceiling-mounted wireless presence detector. Composed of a PIR and a 10,525 GHz planar antenna microwave. Coverage range of 11.4 m when installed at a height of 4 m; decreasing the mounting height reduces the coverage axis. Can be paired with the universal 8-channel radio receiver item 57531RF. Protected against tampering.



APPLICATION EXAMPLES



LEGENDA

- 1 Room volumetric detector
- 2 Bathroom volumetric detector
- 3 Window magnetic detector (it deactivates air conditioning)
- 4 Activation button (optional)
- 5 Entry door magnetic detector
- 6 Control board

WATCH THE VIDEO



Art.

Description



55512
55512MF

CARD READER FOR POWER ACTIVATION

Insertion reader in black ABS, dimensions: 66 x 50 x 44 mm
Front film in silver polycarbonate
Reader for 3-module flush-mounted box (specify the flush-mounted civil series used) - Supplied without front plate
Power supply: 24 Vdc from power supply item 05330BD
Double changeover relay internally switchable at 5 A
Flashing red LED for reader indication, steady-on LED for card inserted indication

Dimensional card recognition reader
RFID card recognition reader with Mifare technology

Use: Reader for the activation of electrical energy through the insertion of a card



56616MF
56616MFSLA
56616MFSLB

RFID CARD

RFID cards encoded with dual technology (125 KHz and Mifare)
To be paired with card readers 55512MF
Dimensions: 86 x 54 x 0.8 mm

Plain (No print)
Customer's quad-color screen printing on one side
Customer's quad-color screen printing on both sides



05330BD

SWITCHING POWER SUPPLY

ABS box for DIN rail mounting
Dimensions: 130 x 99 x 38 mm
Stabilized switching power supply
Input: 230 Vac
Output: 24 Vdc / 1 A
Protection against overloads and short circuits



READER WITH COVER PLATE



PEOPLE COUNTER

- ▶ WIRE FREE ADVANCED SYSTEM TO CALCULATE STAFF TRANSIT
- ▶ BATTERY POWER SUPPLY
- ▶ STAND ALONE FONCTIONNING
- ▶ WIFI TRANSMISSIONS TO THE HUBS
- ▶ HUB WITH ETHERNET CONNECTION



PEOPLE COUNTER

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MASTER SYSTEM

SLAVE SYSTEM

Visualisation display

Programming buttons

SD Card

Adjustable wall fixing



PLUS

- ▶ Reduced dimensions
- ▶ Codified infrared system with battery power supply
- ▶ Uni or bidirectional transit counter
- ▶ Wire free easy installation
- ▶ Stand Alone version with data download on SD card
- ▶ Radiofrequency version for data download on the Hub
- ▶ Data Hub with Ethernet connection for PC access

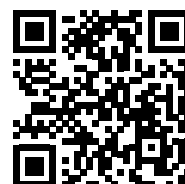




PLUS

- ▶ Wi-fi fonctionnant
- ▶ Bidirectional entry and exit counter
- ▶ Wi-fi data download and query by the Ethernet network

WATCH THE VIDEO



Art.

Description

BI-DIRECTIONAL VERSION



ONE WAY VERSION



59001
59002

59001RF
59002RF

PEOPLE COUNTER

Electronics in ABS enclosures

Dimensions: mm 165 x 80 x 35

Rated voltage: 3.6 V - power draw < 3 mW

Power supply: 3 x 3.6 V AA size Lithium thionyl chloride non rechargeable batteries. Operation over 1 year 59000

Protection circuit against incorrect battery installation

Version without batteries: 9 Vac/12 Vdc from inner terminals

Front panel with LCD display 2 x 16 characters: mm 55 x 16

Programming buttons from Master circuit

USB port for firmware upgrades

SD card slot for data storage and transfer to PC when used in stand-alone version

Configurable addressing from 1 to 10 when used with the concentrator connected to the PC

Data transfer to concentrator via 433.125 MHz radio frequency module

Real time clock/date

Data storage on non-volatile memory for 12 months period, 24 hours per day with details for each hour

Photoelectric barrier in two-way or one-way version

Controllable doors:

- 1 for the two-way version with maximum distance between the projector and receiver of 5 or 8 m (selectable)
- 1 for the one-way version with maximum door width of 2.5 m with reflector

- Display information:

- Date and time
- Total entered
- Total exited
- Present in day
- Average presence in day
- Maximum presence in day
- Total presence since a pre-set date

Programmable settings for:

Date and time

Activation of "beep" function for each passage

Programming access password

Configurable door direction

Activation/deactivation reset time

Set maximum number of presences

Reset data in memory

Display terminal number

Photocell alignment test

Restore factory settings

Multilanguage support (Italian/English)

Stand-alone version

One-way version




two-way version

RF version for use with data router

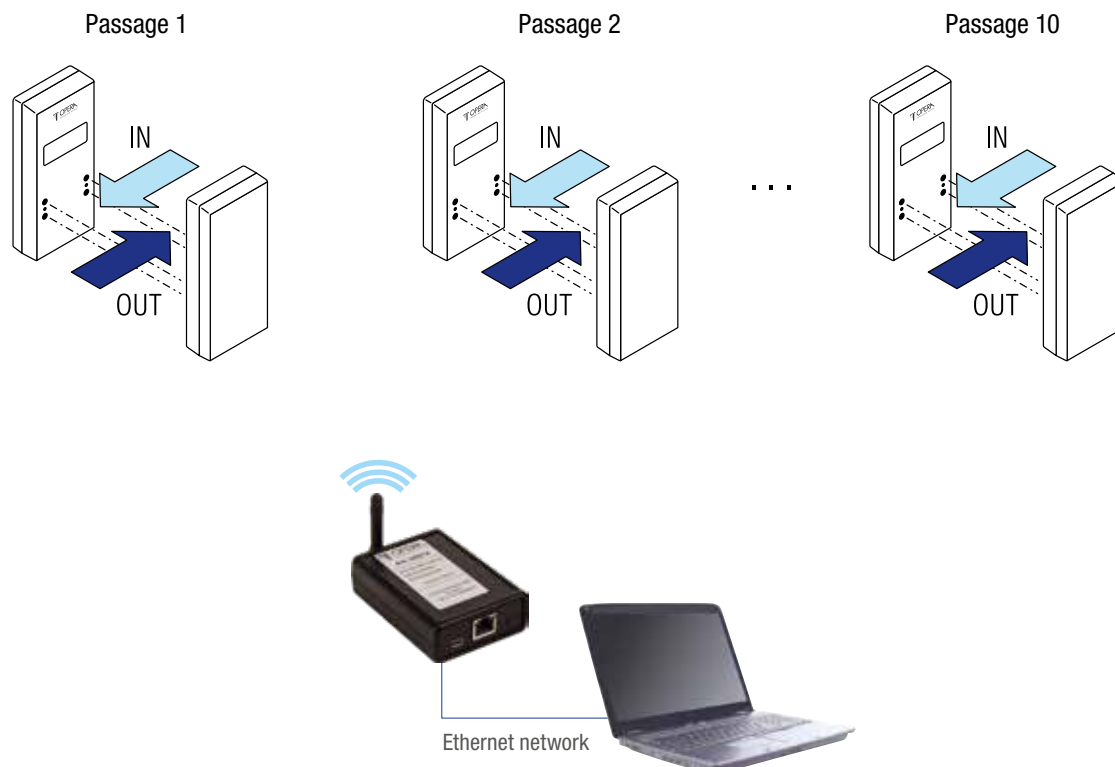
One-way version

two-way version

Use: monitoring the number of people within a room (public offices, exhibitions, museums, conference halls, supermarkets, etc.)

Art.	Description	
 <p>05914</p>	<p>WI-FI DATA ROUTER Box in black ABS Dimensions (mm): 92 x 66 x 27 Power supply: 5Vdc from power supply on Usb connector (supplied) Nominal tension: 3,3Vdc Power consumption: < 30mW RJ45 plug-in for Ethernet connection Ethernet controller IEEE 802.3 compatible Transmission to Mini Counter people by radiofrequency 433 Mhz 99 channel Set up and configuration by Micro USB port Web server housed in to view data of Mini counter via Lan Network. Static IP address is required</p> <p>Use: Data centre for Wireless Counter people</p>	
 <p>05916</p>	<p>SD MEMORY CARD Memory card for storage of data</p>	
 <p>05917</p>	<p>BATTERIES 3,6 V - AA 3 batteries needed for people counter</p>	

APPLICATION EXAMPLES



Art.

Description

05912WEB

VIEWING/DOWNLOADER SOFTWARE

Software supplied on auto-installing CD-Rom for connection of the Mini Counter People system with a PC for viewing from a local station via RS-232 or remotely via converter Art. 05913 of the current status of presences inside the monitored facility.



On the monitor the following is shown:

- The customer's name on the header (i.e.: Museum of Fine Arts)
- Number of people who have entered
- Number of people who have exited
- Number of people present
- 3 presence thresholds with different colouring on the screen and viewing in red of exceeded pre-established maximum thresholds

The program allows:

- Downloading of the data with reference to the presences in a period of time, setting a start date and an end date
- Downloading of the data setting a time interval
- Memorising the status of the presences in a determined moment

Use: this software allows downloading of the data stored in the memory of the people counter, placing it on a PC in an Excel file. The data is shown subdivided into Entrances, Exits and Presences in one hour intervals. This way the data is easily managed for preparation of statistics with reference to the presences within a predetermined period of time



Schemate visualizzatori



Analisi grafica giornaliera

Scarico programmato

Art.

Description

59013

HANDHELD PEOPLE COUNTER

Container in black ABS

Dimensions (mm): 105 x 58 x 18

2 x 16 character LCD display

Operating voltage: 3 Vdc via 2 AAA type batteries – 1.5 V

Front label in polycarbonate with 4 buttons In / Out / Set / OK

Monitoring of bidirectional or mono-directional passages

Memorisation and upkeep of 30 days or 790 hours on non volatile memory

Battery status indicated on display

View on display:

- Date and time
- Total entrances per single hour
- Total exits per single hour
- Total presences per single hour

Settings programmable for:

Date and time

People Counter Reset

"Beep" function for every passing

Zero out data in memory

Automatic shut down

Use: monitoring of the number of people present in a room (public offices, exhibits, museums, conference rooms, supermarkets, etc...)



Art.	Description
Common characteristics: High security 9 pin key cylinder. Body in nickel plated brass with tamper insert and pins in hardened anti-drilling steel. Built in accordance with EN1303 standards, grade 6 durability, grade 5 security. Number of combinations: more than 300,000. Flat key in nickel plated brass, reversible. Supplied with certificate of ownership	
DOUBLE FLAT KEY SECURITY CYLINDER European profile cylinder body - Nickel plated finish Supplied with 3 keys	
08010 06	<u>Dimension 60 mm. (30 + 30)</u>
08010 07	<u>Dimension 65 mm. (30 + 35)</u>
08010 08	<u>Dimension 70 mm. (35 + 35)</u>
08010 09	<u>Dimension 70 mm. (40 + 30)</u>
08010 10	<u>Dimension 80 mm. (40 + 40)</u>
08010 11	<u>Dimension 80 mm. (45 + 35)</u>
08010 12	<u>Dimension 85 mm. (45 + 40)</u>
08010 13	<u>Dimension 90 mm. (45 + 45)</u>
08010 14	<u>Dimension 90 mm. (50 + 40)</u>
08010 15	<u>Dimension 90 mm. (55 + 35)</u>
08010 19	<u>Dimension 100 mm. (50 + 50)</u>
08010 20	<u>Dimension 100 mm. (60 + 40)</u>
08010 21	<u>Dimension 100 mm. (55 + 45)</u>
08010 22	<u>Dimension 100 mm. (70 + 30)</u>
HALF FLAT KEY SECURITY CYLINDER European profile cylinder body. Matt nickel plated finish Supplied with 3 nickel silver keys	
08030 01	<u>Dimensions 40mm. (30 + 10)</u>
08030 04	<u>Dimension 45 mm. (35 + 10)</u>
08030 05	<u>Dimension 50 mm. (40 + 10)</u>
08030 06	<u>Dimension 60 mm (50 + 10)</u>
08030 08	<u>Dimension 70 mm. (60 + 10)</u>
08030 11	<u>Dimension 80 mm. (70 + 10)</u>
08030 13	<u>Dimension 90 mm. (80 + 10)</u>
08030 20	<u>Dimension 100 mm. (90 + 10)</u>
08040 00	KEY SWITCH Key switch with N.O. contact 90° rotation with automatic return of the key - Supplied with 3 keys
EXTRA KEY	
01808	<u>Additional Key for Shaped Cylinders</u>
01808K	<u>Additional KA key</u>
KA	UNIQUE ENCRYPTION PER CYLINDER (KA) Supplement for unique encryption per formed cylinder
TAMPER DEFENDER Matt chromium plated body in hardened steel Rotor in hardened steel Dimensions (mm): 70 x 30 x 8 Fixing without through bolt holes with burglar block with cylinder inserted Usable with cylinders which protrude up to 4 mm. For greater protrusions special 1 mm. shims can be used up to the desired protrusion. Use: dtamper defender for security cylinders. Can be used with all cylinders mounted on electromechanical locks and solenoid locks	
02250	<u>Defender</u>
02251	<u>1 mm. shims in steel</u>

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Opera Srl sells only to professional customers. The customer, buying Opera products, assures to use it just for purposes related to his professional activity.

Prices:

Price list is in EURO and without taxes.

Prices do not contain freight cost and invoicing cost when due.

All invoices will be raised in EURO

Shipment:

National shipment (Italian territory):

- Net value of order, without taxes, is lower than Eur. 800,00 - Transport is paid til customer's premises, with charge in the invoice of the freight cost. The carrier is selected by Opera. In case the customer wish to use his own carrier or to select another carrier, the transport will be Ex our Work. In this case the freight costs are totally handled by customer/receiver.
- Net value of order, without taxes, is lower than Eur. 50,00 - Transport is paid til customer's premises, with charge in the invoice of the freight cost. The carrier is selected by Opera. - There is an extra charge of Eur. 10,00 for invoicing cost. Payment term is always up front or advanced.
- Net value of order, without taxes, is higher than Eur. 800,00 - Transport is paid til customer's premises, with no charge in the invoice for freight cost. The carrier is selected by Opera. In case the customer wish to use his own carrier or to select another carrier, the transport will be Ex our Work. In this case the freight costs are totally handled by customer/receiver.

International shipment - EEC zone:

- Net value of order, without taxes, is lower than Eur. 1.500,00 - Transport is paid til customer's premises, with charge in the invoice of the freight cost. The carrier is selected by Opera. In case the customer wish to use his own carrier or to select another carrier, the transport will be Ex our Work. In this case the freight costs are totally handled by customer/receiver.
- Net value of order, without taxes, is higher than Eur. 1.500,00 - Transport is paid til customer's premises, with no extra charge in the invoice for freight cost. The carrier is selected by Opera. - In case the customer wish to use his own carrier or to select another carrier, the transport will be Ex our Work. In this case the freight costs are totally handled by customer/receiver.

International shipment - Non EEC zone:

- Net value of order, without taxes, is lower than Eur. 2.000,00 - Transport is paid til customer's premises (Incoterm: CFR), with charge in the invoice of the freight cost. The carrier is selected by Opera. In case the customer wish to use his own carrier or to select another carrier, the transport will be Ex our Work. In this case the freight costs are totally handled by customer/receiver.
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- Returns are accepted only by Opera direct customers. Should anybody need to return goods for repairing, he has to address his request to the nearest Opera distributor.
- All returns have to be sent, freight costs free, to our main factory in Modena, Italy. The goods have to be correlated with a list of items, sort of problem found, contact name and telephone number.

Definitive return

- Any definitive return must be demanded in writing and authorised by Opera in writing.
- Upon authorisation, Goods for definitive return must be sent according to the instructions received. All documents must refer to the original invoice number.

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