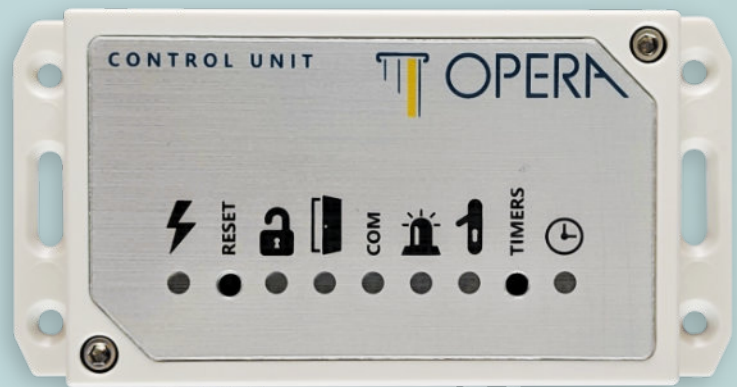


CONTROL SYSTEM



Art.	Description	€
54610A	<p>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.</p> <p>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:</p> <ul style="list-style-type: none"> - Opening - Locking - Emergency - Reset Alarms - Latch position - Door position - Interlock <p>Outputs:</p> <ul style="list-style-type: none"> - 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 <p>Possibility of cascading connection to interlock multiple doors with each other (to be connected for each door to be controlled).</p> <p>Button for monitoring and adjusting times for:</p> <ul style="list-style-type: none"> - 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	€		
54611A	<p>UNIVERSAL COMMAND CONSOLE CONTROL SYSTEM</p> <p>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*</p> <p>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</p>			
54612A		54611A	For 1 door	
54613A		54612A	For 2 doors	
54614A		54613A	For 3 doors	
54614A	54614A	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.



REL12V

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

REL24V

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)

Art.	Description	€
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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)

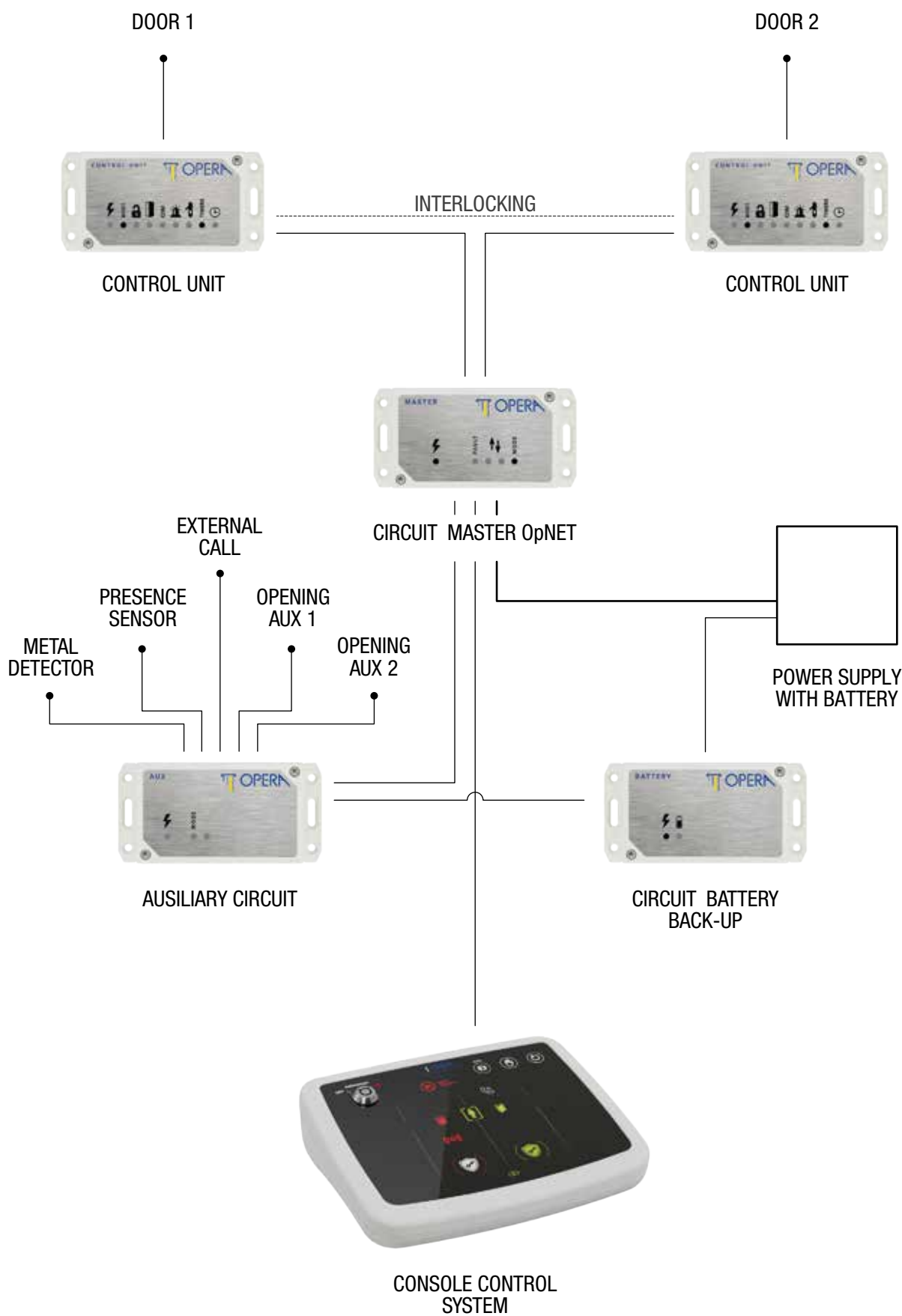
Power supply: 12 Vdc / 2A.
Plug-in power supply 230V / 12 Vdc - 2A (included in the package)
RS-485 serial connections via RJ45 connector.

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

Art.	Description	€
 <p>54615B</p>	<p>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</p> <p>Inputs:</p> <ul style="list-style-type: none"> - 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) <p>Signal terminals:</p> <ul style="list-style-type: none"> - No. 1 x RS-485 <p>Internal button and dip switch for configuration management, LED indicators for functionality and network activity.</p> <p>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).</p>	
 <p>54616B</p>	<p>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</p> <p>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.</p> <p>Use: Circuit for managing the communication of all wired peripherals via serial connection.</p>	
 <p>54617B</p>	<p>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</p> <p>Use: Circuit that allows the management of the presence and the charge / discharge status of the backup battery</p>	





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