



E-Z-RL-4: 4 ZONE RELAY CARD

Relay card for zone. Each card have 4 pieces relay. One relay is assigned to each zone according to zone card. Relay triggers and green light indicates when fire signal is present.

· Quiescence Current	: 130 ± 10 mA
· Contact	: 4 x (NC-C-NO)
· Maximum Voltage	: 250 VAC- 30 VDC
· Maximum Current	: 10 A
· Maximum Switching Power	: 300 Watt
· Maximum Switching Speed	: 20 switching/Minute
· Maximum Humidity	: (-10 °C)-(-55°C)
· Operating Temperature	: 95 %
· Weight	: 85 gr
· Dimensions	: 65x80 mm



E-ZM-4: 4 ZONE EXPANSION CARD

Zone expansion card for Panels. Each card have 4 pieces zones. There is off button, Fire (red), fault/test/off (Yellow) LEDs on it. It is easy to assemble and working principle is appointed automatically by the system. E-Z-RL-4 can be added optionally to the zone cards.

· Quiescence Current	: 10 ± 1 mA
· Zone Number	: 4
· Alarm Current	: 90 mA max.
· End of line Capacitor	: 100 uF/35 VDC Capacitor
· Max Number of Detectors/ Zone	: 32
· Operating Temperature	: (-10 °C)-(-55°C)
· Maximum Humidity	: 95 %
· Weight	: 50 gr
· Dimensions	: 65x135 mm



E-SM: SOUNDER OUTPUT EXPANSION CARD

Sounder expansion card. This card increases panels sounder output from 1 to 3. It can increase total 2 siren outputs to 3+3 : 6 sounder outputs. 24V external supply is needed to use the card. Maximum 20 pieces sounder can be installed for each output. (Total 120 pieces sounder maximum) In the normal working situation green LED, in the alarm red LED is active and after the confirmation for sounder output red LED is active.

· Supply resistance	: 24 ± 2 VDC (Harici)
· Alarm Current	: 3 A (max.)
· Alarm Current	: 2 mA @ 24 VDC
· Number of Triggers	: 2 x 1
· Trigger Voltage	: 16 - 24 VDC
· Trigger Current	: 2 mA@16VDC - 15 mA@24VDC
· Number of Outlets	: 2 x 3
· Alarm Signal	: 23,7 VDC @ 24 VDC (Supply)
· Alarm Signal Output Current	: 500 mA (Resettable Fuse)
· Operating Temperature	: (-10 °C)-(-55°C)
· Relative Humidity (Max.)	: 95 %
· Weight	: 35 gr
· Dimensions	: 53x73 mm



E-RP-ZM-4: 4 OF REPEATER PANEL ZONE EXPANSION CARD

Zone expansion card for repeater cards. Each card contains 4 zones. There is Fire (red), fault/test/off(Yellow) LEDs on it. Easy to assemble and working principle is automatically assigned by the system.

· Quiescence Current	: 10 ± 1 mA
· Zone Numbers	: 4
· Operating Temperature	: (-10 °C)-(-55°C)
· Relative Humidity (Max.)	: 95 %
· Weight	: 38 gr
· Dimensions	: 65x135 mm



E-P-RL-8: 8 RELAY CARD FOR PANEL

Relay card for Panels. This card increases panels contacts (fire and fault) from 1 to 8. When Fire/Fault signal is triggered red LED is active. 24V external supply is needed to use the card.

· Quiescence Current	: 140 ± 5 mA
· Number of Contacts	: 8 x (NC-C-NO)
· Contact Voltage (Max.)	: 230 VAC
· Contact Current (Max. Resistive Load)	: 1 A
· Operating Temperature	: (-10 °C)-(-55°C)
· Relative Humidity (Max.)	: 95 %
· Weight	: 85 gr
· Dimensions	: 54x142 mm



SKK: EXTINGUISHING EXPANSION CARD

It is designed for products with high alarm current that cannot be connected to extinguishing panel outputs. It can increase the extinguishing output of 1 A up to 1.8 A. Supporting two separate channels, the product can also be used as a single channel. The main panel will fail when the CCT supply is cut, so the main panel must be in an energized state for SKK to work properly. An external supply of 24 Volt 5A / 6A is required for the use of these products. Protection class IP 65.



ZKK: ZONE EXPANSION CARD

It is designed for products with high alarm current that cannot be connected to conventional panel zones. Supporting two separate channels, both channels must be connected to the main panel in order for the product to work correctly. When the ZKK supply is cut, the main panel will fail, so the main panel must be energized for proper operation. ZKK is ready 3 seconds after energized. (power-up time = 3 seconds) For the use of these products, an external supply of 24 Volt 5A / 6A is required. Supports 1 A for each zone. Protection class IP 65.