

Addressable Fire Alarm Control Panel

TERMO Series

Technical Sheet

Description

The TERMO Series analogue addressable control panel is the central component of a fire detection and alarm system. It is compatible with Firelast addressable devices and can support up to 125 devices per loop. Additionally, conventional devices can be connected to the FL-A-CP-TERMO using addressable input modules. This control panel features two loops. The default configuration programming allows for easy out-of-the-box installation and rapid commissioning. A powerful and versatile PC-based programming tool facilitates quick customization, making it suitable for sites that require specialized operating features. The FL-A-CP-TERMO provides fire detection and alarm system designers with a premium product that ensures life safety and protects property



Features

- Two addressable loops
- Supports 125 addressable devices per loop Supports wireless detection devices Automatic device detection on start-up Automatic device type-code verification 128 configurable zones
- 32 zone fire alarm LED indicators
- 32 addressable audio/visual alarm devices per loop
- 2 independently programmable conventional sounder output circuits
- Manual activation of alarm devices
- Configurable timer to delay Fire Alarm Condition output activation
- 2 programmable unmonitored Fire Alarm Condition relay outputs
- 1 programmable unmonitored Fault Condition relay output Supervised auxiliary DC 24 V output
- 4 Access Levels Configurable day/night mode
- Backlit LCD display providing 4 rows of 40 characters 3000 event history log
- Multiple language support
- Attractive designer enclosure available in cream or red Surface mounting
- Easy installation
- Supports up to 16 repeater panels

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Technical Specifications

Model	FL-A-CP-TERMO-2L-E-R
Operating voltage	AC (100 ~ 260) V / 50/60 Hz
Mains supply current limit	1.5 A @ AC 230 V
Mains supply fuse	4 A / AC 250 V slow blow (20 mm)
Mains supply fault threshold voltage	≤ AC 60 V
Power supply	4.3 A @ DC 28.5 V
Quiescent current (I _{min})	200 mA @ DC 28.5 V
Maximum continuous output current (I _a , max)	1.4 A
Maximum short-duration output current (I _b , max)	2.3 A
Standby battery maximum capacity (2 × DC 12 V)	7.2 Ah
Maximum battery current draw @ maximum operating temperature	1.5 A
Battery fuse	10 A resettable (electronic fuse)
Battery fault threshold voltage	< DC 20 V
Battery fault threshold internal resistance (R _i , max)	0.5 Ω
Addressable Loops	
Addressable loops	2
Number of connected devices per loop	125
Loop current (max)	400 mA
Loop monitoring	Open- and short-circuit
Audio/Visual Alarms	
Configurable audio/visual alarm groups (max)	512
Conventional audio/visual alarm device driver	700 mA
Conventional audio/visual alarm end-of-line resistor	10 kΩ
Alarm zone monitoring	Open- and short-circuit
Alarm zone voltage (max)	DC 29 V
Alarm zone fuse	1.1 A resettable (electronic fuse)

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Technical Specifications

Ancillary Outputs

Number of programmable output relays	2
Ancillary fire C/O relay	2 x (1.0 A @ DC 30 V / 1 A @ AC 240 V)
Ancillary fault N/C relay	1.0 A @ DC 30 V / 1 A @ AC 240 V
Auxiliary supply	DC (19 ~ 30) V @ 200 mA

Miscellaneous

Event history log	3000 events
Number of networked repeaters	16
Terminal wiring	(0.4 ~ 2.5) mm ²
Operating temperature	(-5 ~ +40) °C
Operating humidity	(0 ~ 95) % RH, non-condensing
Storage temperature	(-25 ~ +80) °C
Operating humidity	(0 ~ 98) % RH, non-condensing
Dimensions (h x w x d)	(485 x 465 x 155) mm
Weight (excluding batteries)	10.0 Kg
Enclosure Color	Grey

Accessories

Description	Part Number
Control panel network card	FL-A-CP-NET
Control panel remote LED display card	FL-A-MINTO-LED-8
Detection zone output card, 8 relays	FL-MINTO-CDZ-CARD
Control panel 2-loop expansion card	FL-A-TERMO-2L-E-CRD

Ordering Information

FL-A-CP-TERMO-2L-E-R	Addressable 2 Loop Control Panel
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