

Addressable

Fire Alarm Control Panel

KIPPA Series

Technical Sheet

Description

The analogue addressable control KIPPA series forms the central part of a fire detection and alarm system.

The fully networkable 2-wire FL-A-CP-KIPPA is compatible with Firelast addressable devices and can also be connected to conventional devices when used with addressable input modules.

Default configuration programming facilitates out-of-box installation and rapid commissioning.

A powerful and versatile cause-and-effect PC-based programming tool enables rapid customization with software for sites that require special operating features.



Features

- Wired loops and wireles loops are both available
- Networkable, up to 12 control panels
- Supports up to 125 addressable devices per loop
- 3 Access Levels
- 128 configurable detection zones
- Automatic device detection on start-up
- Automatic device type-code verification
- 2 unmonitored Fire Alarm Condition relay outputs
- 1 unmonitored Fault Condition relay output
- 16 detection zone fire alarm LED indicators
- High contrast backlit LCD display provides 4 rows of 40 characters
- Configurable alarm output activation delay timer to (up to 10 min)
- 32 addressable audio/visual alarm devices per loop
- 2 independently programmable non-addressable audio/visual alarm device output circuits
- RS-232 port to support GSM mobile telephone network module or Wi-Fi access point module
- Day/night mode configurable
- Optional detection zone N/O and N/C relay outputs
- 3000 event history log
- Manual activation of alarm devices
- Optional remote LED detection zone displays
- Supervised auxiliary DC 24 V output
- Multiple language support
- Attractive designer enclosure available in white
- Surface mounting
- Rugged metal enclosure
- Easy installation

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Technical Specifications

Ancillary Outputs

Addressable loops	1 expandable to 2
Number of connected devices per loop	125
Loop current (max)	400 mA
Wireless loop current (max)	1000mA
Loop monitoring	Open- and short-circuit

Miscellaneous

Addressable loops	32
Number of connected devices per loop	0 ~ 31
Loop current (max)	433 MHz, 868 MHz, 915 MHz
Wireless loop current (max)	24X3

Audio/Visual Alarms

Configurable audio/visual alarm groups (max)	512
Conventional audio/visual alarm device driver	800 mA
Conventional audio/visual alarm end-of-line resistor	10 k Ω
Alarm zone monitoring	Open- and short-circuit
Alarm zone voltage (max)	DC 275 V
Alarm zone fuse	1.1 A resettable (electronic fuse)
Delayed alarm output timer (max)	10 min

Ancillary Outputs

Repeater panel serial port	RS-485
Network CIE serial port	RS-485
Zone indicators and relay serial port	TTL
Ancillary modules port	RS-232
PC connection port	RS-232 DB9 socket
Number of programmable output relays	2
Ancillary fire C/O relay	2 × (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 28 V @ 200 mA

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Technical Specifications

Power Supply	
Operating voltage	AC (85 ~ 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	2.2 A @ DC 28.5 V
Standby battery maximum capacity (2 × DC 12 V)	7.2 Ah
Maximum battery current draw	1.5 A @ maximum operating temperature
Battery fuse	2 A resettable (electronic fuse)
Battery fault threshold voltage	< DC 20 V
Quiescent current	230 mA @ DC 27.6 V (No wireless node)
Miscellaneous	
Terminal wiring	(0.4 ~ 2.5) mm ²
Operating temperature	(0 ~ +50) °C
Operating humidity	(0 ~ 95) % RH, non-condensing
Storage temperature	(-25 ~ +80) °C
Storage humidity	(0 ~ 98) % RH, non-condensing
Dimensions (h × w × d)	(402 × 337 × 99) mm
Weight (excluding batteries)	4.6 kg

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 1-loop expansion card	FL-A-MINTO-1L-E-CRD

Ordering Information

FL-A-CP-KIPPA-1L-E	Addressable 1 Loop Control Panel
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