KFP-CX3-99

Conventional Fire and Extinguishing Panel - 3 Zone - English UK

Overview

KFP-C fire control panels offer state of the art architecture in configurations that deliver an uncomplicated solution for small to mid-sized conventional applications. They feature an attractive contemporary design that fits with any decor. The gently curved door front offers a distinctive flair. Operator controls are inset in a striking gray lexan.

With support for the Kilsen KL700 line of conventional detectors and accessories, these quick-to-configure systems offer versatility that benefits building owners and installation/maintenance companies alike.

The Panel

The KFP-CX3 is a conventional fire alarm and extinguishing control panel. It is supplied in local language with 3 fire zones that support up to 20 devices per zone. These zones may be configured for extinguishing in single zone or double zone configuration in any combination of zones. In addition the panel offers supervised outputs for first stage and second stage notification as well as optical warning indicators and actuator activation. Standard relay outputs are provided for EN54 compliance and system status notification, as well as multiple inputs for system control.

Options

The panels support 2 types of auxiliary relay boards, one with 4 standard relays, and one with 4 supervised relays. With these boards the panel outputs may be expanded with up to 16 additional outputs.

Approvals & Compliance

The product line carries the following accreditations:

- EN54:2, EN54:4 and CE approved
- CPD certified
- EN12094-1 certified

- WEEE compliant
- RoHS compliant



Details

- Modern, elegant design
- Easy removable parts for quick and easy installation
- Three detection zones
- Single zone, double zone or any combination of zones configurable for release
- 6 Pre-configured relays and 8 supervised inputs for extinguishing control
- Configurable fire routing, sounder, extinguishing, reset and door monitoring delays
- Configurable "Hold Mode" type-A or type-B
- Sounders configurable for pulsing or continuous operation
- Extinguishing agent flow confirmation
- Continuous or resetable 24 VDC auxiliary supply
- Auxiliary standard & supervised relay output support
- Default support for special functions such as: - EN54 compliant user access levels - Basic & Advanced level configuration - mixed zones - front panel diagnostics with test & disable control - one-man walk test

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Technical specifications

General

Maximum system capacity (device count)	up to 96

Electrical

Power supply type	VAC
Operating voltage	110 VAC @ 50 Hz or 230 VAC @ 50 Hz (+10% -15%)
Current consumption	3.15 A @ 110/1.5 A @ 240 VAC

Loop

Maximum loop capacity	3

Zone

Maximum zone capacity	up to 3
Quantity of devices per zone	20 max.

Standby battery

Capacity	2 x 12 V, 12 Ah (SLA)

Physical

Form factor	Medium
Physical dimensions	440 x 495 x 129 mm (W x H x D)
Net weight	3.9 kg (without battery)
Shipping weight	5 kg
Colour	Pure white (RAL 9010)
Mounting type	Surface mount
Cable entries	Ø 20 mm - 20 / 2 / 26 (Top / Bottom / Rear)

Environmental

Operating temperature	-5 to +50°C
Storage temperature	-20 to +70°C
Relative humidity	10 to 95% noncondensing
Environment	Indoor
IP rating	IP30

Regulatory

Compliancy	CPD, RoHS, WEEE
Certification	EN12094-1, EN54-13, EN54-2, EN54-4

Input Supply

Tolerance	+10% / -15%
Cable specification	3 x 1.5 mm² (live, neutral, earth)

Panel Supply

	4A @ 24 VDC
Quiescent current (no devices)	0.39 A
Alarm current (no devices)	2.78 A

Zones

	3
Output voltage	22 VDC (18-24 VDC)
Load (max)	65 mA
Cable resistance (max)	40 ohm
Cable capacitance (max)	500 nF
Devices per zone (max)	20

Supervised Inputs

	6
Use	MCP Start, MCP Hold, MCP Abort, Pressure Switch, Gas Flow, Door Monitor

Non Supervised Inputs

	2
Use	Auto/Manual mode, Remote Reset

Supervised Outputs

	4
Use	Fire Sounders, Extinguishing Sounders, Optical Indications, Actuator
Notification	2 x 500 mA @ 24 VDC
Visual indictors	1 x 500 mA @ 24 VDC
Actuator	1 x 1A @ 24 VDC

Non Supervised Outputs

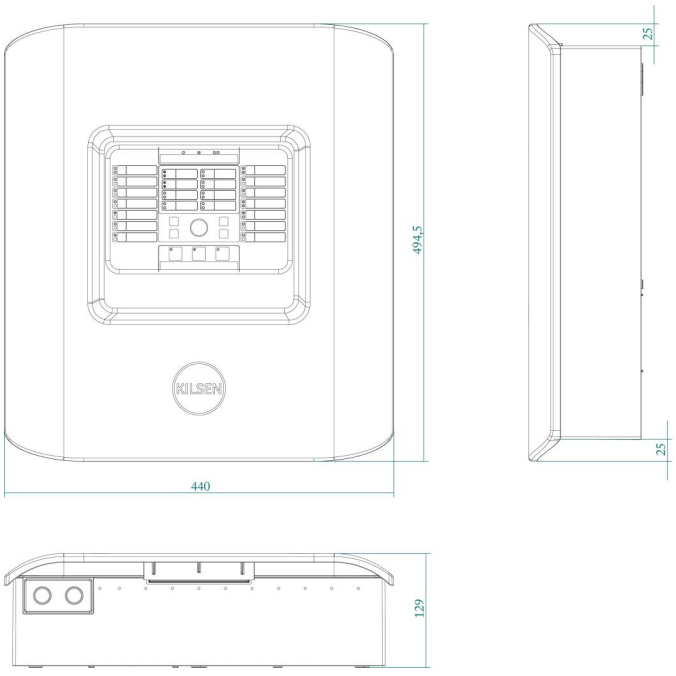
	4
Use	Hold Mode, Abort Mode, Manual Mode, Release Indication
Specification	6 x 2 A @ 30 V

Auxilliary Supply Output

Output voltage	24 VDC (21-28 VDC)

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As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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