

HFP CP-XT

Extinguishant Control Panels

Features

- ▶ Approved to EN12094-1, EN54-2 and EN54-4
- ▶ Three detection zones as standard
- ▶ Any single zone or any combinations of zones can be configured to release
- ▶ Configurable first stage sounder delays
- ▶ Configurable detection delays
- ▶ Zero time delay upon manual release option
- ▶ Compatible with I.S. Barriers
- ▶ Non-latching zone input option to receive signals from other systems such as aspirating equipment
- ▶ Configurable extinguishant delays up to 60 seconds in 5 second step
- ▶ Configurable extinguishant duration up to 5 minutes in 5 second steps
- ▶ Countdown timer shows time remaining until release
- ▶ Supports up to seven, 4 wire status indicators
- ▶ Built in Extract Fan control
- ▶ Available as surface or flush fit



Description

Designed and manufactured to the highest standards in a quality controlled environment, the HFP CP-XT extinguishant releasing panel offers outstanding value and performance for all small to medium fixed fire fighting installations.

With three detection zones as standard, extinguishant release can be configured to activate from any combination of detection zone inputs to allow (among other combinations) any two from three type activations such as would be required for detection in ceiling void, room and floor void applications.

The extensive configuration options of the HFP CP-XT allow the functionality of the system to be extensively modified while still complying with the

requirements of the controlling standards for the equipment.

The panel contains a large LED display to enable easy configuration and control which also displays the time remaining until extinguishant release for added user safety.

The countdown time is duplicated on up to seven remote status units to provide local indication of the extinguishant system status. With all of the electronics mounted on a single, easily removable, steel plate HFP XT panels are both robust and easy to install.

Specification

Ordering codes	HFP CPXT3F	3 Zone Extinguishant Control Panel, Single Area, Flush Mounted
	HFP CPXT3S	3 Zone Extinguishant Control Panel, Single Area, Surface Mounted
Construction	1.2mm mild sheet steel	
IP Rating	IP30	
Finish	Epoxy powder coated	
Colour - lid & box	BS 00 A 05 grey - fine texture	
Colour - controls plate & labels	RAL 7047 light grey - satin	
Weight	6kg	
Mains supply	230V AC +10%/-15% (100 Watts maximum)	
Mains supply fuse	1.6 Amp (F1.6A L250)	
Power supply rating	3 Amps total including battery charge 28V +/- 2V	
Maximum ripple current	200 millivolts	
Battery type	Two 12 volt 7Ah sealed lead acid in series	
Battery charge voltage	27.6DC nominal (temperature compensated)	
Battery charge current	0.7A maximum	
Battery fuse	20mm, 3.15A glass	
Maximum current draw from batteries	3 Amps	



Fire Detection Systems

HFP CP-XT

Extinguishant Control Panels

Quiescent current of panel in mains fail	0.095A
R05 output	Fused at 500mA with electronic fuse
Sounder outputs	24V Fused at 500mA with electronic fuse
Fault relay contact rating	30VDC1A Amp maximum
Fire relay contact rating	30VDC1A Amp maximum
Local fire relay contact rating	30VDC1A Amp maximum
First stage contact rating	30VDC1A Amp maximum
Second stage contact rating	30VDC1A Amp maximum
Extract contact rating	30VDC1A Amp maximum
Zone quiescent current	2mA maximum
Terminal capacity	0.5mm ² to 2.5mm ² solid or standard wire
Number of detectors per zone	Dependant on type (maximum 32)
Number of sounders per circuit	Dependant on type (max. 0.5 per sounder circuit)
Detection circuit end of line	6K8 5% ½ Watt resistor
Monitored input end of line	6K8 5% ½ Watt resistor
Sounder circuit end of line	10K 5% ½ Watt resistor
Extinguishant output EOL	1N4004 Diode
No. of detection circuits	3
No. of sounder circuits	2 x 1st stage, 1 x 2nd stage
Extinguishant release output	Fused at 1 Amp
Extinguishant release delay	Adjustable 0 to 60 seconds (in 5 second steps)
Extinguishant release duration	Adjustable 60 to 300 seconds (in 5 second steps)
SIL, AL, FLT, RST inputs	Switched -ve, max resistance 100 ohms
Zone normal threshold	8K ohms to 1K ohm
Detector alarm threshold	999 ohms to 400 ohms
Call point alarm threshold	399 ohms to 100 ohms
Short circuit threshold	99 ohms to 0 ohms
Head removal condition	15.5 to 17.5 volts
Cabling	FP200 or equivalent
Dimensions (mm)	385 x 310 x 90



For further information visit our website.
Hochiki reserves the right to alter the specification of its products from time to time without notice. Although every effort has been made to ensure the accuracy of the information contained in this document it is not warranted or represented by Hochiki to be a complete and up-to-date description. Check online for current version.



ISS3
SEP23
2/2

