

Fire Door Control Panel - SIGMA-2-M2-SFDI

Complete with **TIME DELAYED DOOR RELEASE** for alarm and mains fail

BEL-SBDB
Sounder strobe deep base

YBN-R/6(WHT)
Base and
SOC-AS3
Detector

WARNING SLIDING FIRE DOOR

WARNSLID
Sliding Fire door sign

AFP-2516
SIGMA-2-M2-SFDI

DH1360
100 kg Door holder

A kit is available containing all the above components - please see following page. (SIGMA-2-M2-SFDI-KIT)

Product Overview

The Sigma CP Fire Door Control Panels is a conventional fire alarm panel designed to comply with AS7240-2 and AS7240-4 Fire Detection and Fire Alarm Systems – Control and Indicating Equipment

The SIGMA-2-M2-SFDI Sliding Fire Door Control Panel comes with 2 conventional zones and is fitted with the Sliding Fire Door Interface Module. This provides all the required outputs and inputs with selectable time delays for the sliding fire door application to enable warning and delay of the door release in the event of either alarm and or mains power failure.

As this is an approved panel you may have the option available to connect to the main buildings Fire System (if on site) as a Sub panel.

Standard Features

- Certified to AS7240.2 and AS7240-4
- Standard options and features as per Sigma CP series panels
- 2 conventional zones (1 zone for each side Fire door) compatible with Hochiki SOC-AS3 detectors
- 24v Monitored Output for Sounder Strobe for use above fire door
- 24v Monitored Door Holder Output (up to 4 x door holders)
- Selectable 0-150 sec delay on door release output by simple jumper setting
- Mains Power Fail activates sounder strobe output and release door according to the delay setup
- Sounder strobe automatically turn off after 45sec of the door being released in the event of power fail, saving battery

Technical Specifications

Construction	(385W x 310H x 90D)
IP Rating	1.2mm mild sheet steel
Finish	IP30
Colour - lid & box	Epoxy powder coated
Colour - controls plate & labels	BS 00 A 05 grey - fine texture
Supply voltage	RAL 7047 light grey - satin
Mains supply fuse	230V AC (+10%/-15%)
Power supply DC	1.6 Amp 250V
Fault contact rating	240V AC - 24V DC / 3 Amp
Local fire contact rating	30V DC 1 Amp
Fire contact rating	30V DC 1 Amp
Sounder output rating	30V DC 1 Amp
Detection zone current	0.5A per output (max 1.6A over all outputs)
Detection zone EOL resistor	1.6 milliamps
Sounder output EOL resistor	6k8 5%
Cable capacity	10k 5%
Operating temperature	2.5mm ² per terminal
Operating humidity	-5°C to +40°C
Detector Compatability	<95% (non condensing)
	Hochiki

Door Holder Interface Specifications

Door Holder output	24vdc (4 x door holders) up to 400 mA
Dedicated door strobe/sounder output	24vdc EOL 10k (2 x sounder/strobe) up to 200 mA
Door Time delay (alarm or Mains fail)	0-150 sec in 10 sec increments
AC Fail delay for door holder	20 mins

Fire Door Control Panel Kit (SIGMA-2-M2-SFDI-KIT)

Includes:

- 1 x SIGMA-2-M2-SFDI
- 2 x WARNSLID
- 2 x YBN-R/6 (WHT)
- 2 x SOC-AS3
- 2 x BEL-SBDB
- 1 x DH1360
- 2 x batteries

SIGMA-2-M2-SFDI



AFP-2516



WARNSLID

Sliding Fire door sign



YBN-R/6(WHT)

Base



SOC-AS3

Detector



BEL-SBDB

Sounder strobe deep base



DH1360

100 kg Door holder

