

AP-Supra-16 CONTROL PANEL



FEATURES:

- Conforms to EN12101-2
- CE Marked
- 3 amp /10amp PSU
- 10 amp Actuator Outputs
- 16 zone LED Indicator
- Programable outputs
- Programable inputs and Outputs
- Expandable to two loops
- Powerful Cause & Effects
- 4 core system loop
- Programable devise lockout
- EN54 Certified
- Made in the UK

Product Overview

AP-Supra-16 is a versatile range of open protocol smoke control panels compatible with the technical requirements of all types of application.

Available with one or two 4 core control loops capable of hosting up to 176 devices using leading edge microprocessor based electronics to provide a flexible control system with high reliability and integrity.

Suitable for medium to large sized smoke control system . He AP-Supra-16 control panels can be expanded and networked to become part of a fully integrated smoke control system for any application

With its large graphical display and ergonomic button and indication layout, the AP-Supra-16 control panel is simple and straightforward to understand for installers,

Panels

Product Code	Protocol	Zones	Loops	Printer	Size (mm)
AP-16-1M2	Hochiki	16	1	No	385 x 310 x 90
AP-16-2M2	Hochiki	16	2	No	385 x 310 x 90
AP-16-1M3	Hochiki	16	1	No	385 x 520 x 110**
AP-16-2M3	Hochiki	16	2	No	385 x 520 x 110**
AP-16-1M3P	Hochiki	16	1	Yes	385 x 520 x 110**
AP-16-2M3P	Hochiki	16	2	Yes	385 x 520 x 110**

* For versions with no enable control keyswitch, replace the 0 in the part number with a 1 for example, A80161M2 becomes A81161M2.

** Not currently CP-R approved.

If you require a Printer with a Syncro AS panel please view Datasheet 85.



Technical

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 (standard panel)
Display	- 8 lines of 40 characters graphic LCD
Mains voltage supply	- 110 or 230V AC 50 or 60 Hz. (specify when ordering, default is 230V)
Mains supply fuse	- 1.6A 250V
Power supply DC rating	- 24V 3 Amps
Aux 24V supply	- Fused at 500 milliamps
Maximum Battery size	- 9Ah 12V (2 per panel) (non-networked)
Fault contact rating	- 30V DC 1 Amp
Fire contact rating	- 30V DC 1 Amp
Alarm contact rating	- 30V DC 1 Amp
Sounder output rating	- Fused at 1 Amp each
Detection loop	- 400 milliamp output
Detector protocols	- Apollo (S90, XP95, Discovery), Argus Vega or Hochiki ESP
Printer port	- Serial RS232
Serial expansion port	- Serial RS485 (Compatible with all Syncro I/O modules)
PC port	- Serial RS232
Network connection	- RS485 - Up to 64 panels via fully fault tolerant optional network card
Remote Silence input (SIL)	- Switched -ve
Remote fault input (FLT)	- Switched -ve
Remote reset input (RES)	- Switched -ve
Remote alert input (INT)	- Switched -ve
Remote evacuate input (CNT)	- Switched -ve
Download lead	- Standard SI87, XI87LS economy
Configuration	- Via Loop Explorer PC utility
PC graphics	- Via Guide systems
Modem	- Optional dial up modem for remote diagnostics (Can be fitted to M3 size enclosure only)

TECHNICAL SUPPORT

We offer full technical design support and can calculate your fire load and system design and flow rates

DESIGN CALCULATOR

We can offer you a full design service to meet any requirements. All design are provided with system drawings and a full design calculation report. We can also offer CFD modeling

CONTACT DETAILS

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