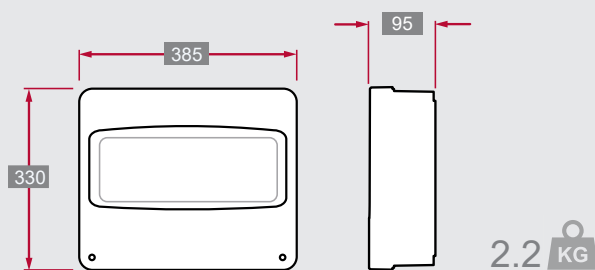


Infinity 16 Conventional Fire Alarm Panel (IN16)



Dimensions (mm) & Weight (kg)



Description

The Infinity 16 control panel is an expandable conventional control panel offering an aesthetically pleasing and functional cabinet design providing easy of installation and commissioning, as well as simple operation.

The unit can be expanded easily from 8 - 16 zone with the addition of two 4 conventional zone modules.

Fully functional “out of the box”, by default all sounders and outputs activate on alarm. Operation is intuitive, offering simple control and one-button disablement facilities, as well as a one man test routine, which provides a highly effective way to perform regular testing of the fire alarm system.

Clear LED indicators to show Zone Alarm, Fault, Disabled and Test Conditions.

Features

- ✓ 8 zone control panels expandable to a maximum of 16 zones
- ✓ Maximum 32 devices in each conventional zone
- ✓ Expansion modules available include; 4 conventional zones, 4 relay outputs or 4 additional sounder circuits. Panel supports up to 2 expansion modules
- ✓ Active or Resistive End of Line monitoring
- ✓ Programmable non-latching zones
- ✓ Programmable adjacent zone coincidence
- ✓ Programmable on/off delay timer per zone
- ✓ Easy installation - ready to operate out of the box
- ✓ Advanced test mode for field devices and panel testing
- ✓ 2 Programmable Relay outputs plus Fault relay (N/C)
- ✓ 2 Programmable on/off delay timer per zone
- ✓ 3 Auxiliary Supply outputs, one of which is momentarily interrupted by panel reset
- ✓ EN54-2, EN54-4 certified with APPLUS

Technical Specification

Model IN16

SUPPLY SPECIFICATION

Part No	
Primary Supply Voltage - IN	110 to 240 V DC
Primary Supply Voltage - Out	28.5 V DC nominal
Primary Supply Current - Out	3.0 A @ 28.5 V DC - BAT charger o/p 28 V DC
Secondary Supply Voltage	21.0 min. - 27.2 max. V DC - BAT charger o/p 28 V DC
Secondary Supply Current Output	1.0 Amp Maximum @ 20°C
Internal Battery Capacity - Maximum	2 x 12 V x 7 Ah Sealed VRLA Lead Acid Batteries
Mains Fuse	4 A - 250 V Slow Blow - 20 mm
Battery Fuse	1.6 Amp Resettable

SMART LOOP SPECIFICATION

Number of Conventional Zones	8 (MIN.) 16 (MAX.)
Zone Current - Quiescent / Alarm	4 mA / 60 mA - Maximum
Max. Cable Resistance / Capacitance	40 Ohms / 0.470 uF
Enf of Line Monitoring	Active EOL - Capacitor OR Resistive EOL
BS-5839 Detector Remove Compliant	YES (provided diodes are fitted to detector base)
Devices Per Zone	32 Max. - EN54-2
Alarm Resistance Value	270 - 1000 Ohms

OUTPUTS SPECIFICATION

Auxiliary Relay Outputs	2 Fire (COM-NC-NO), programmable, 1 Fault (COM-NC)
Relay Contact Rating	50 V DC - 1 Amp resistive loads
Sounder Circuit Specification	2 x 0.3A max. current/ circuit - fully monitored
Alarm Voltage / End of Line Resistor	27.5 V DC Nominal /10 K Ohms -1/4 Watt

MECHANICAL AND OPERATING SPECIFICATIONS

Dimensions	385 (w) x 330 (h) x 95 (d) mm
Material / Colour	ABS - Grey RAL 7042
Weight	2.2 Kg without batteries, 7 Kg with batteries (2 x 12V / 7Ah)
Operating Temperature	-10°C to 40°C
Humidity	Max 95% RH Non-Condensing