

FP1216C-xx

1200/2000 Series Addressable Fire Panel with 2 to 4 loops, 16 zone LEDs

Specifications

Power supply

Mains supply	230 VAC (+10%, -15%), 47-63 Hz
Power requirement	200 VA
Operating voltage	21 to 28 VDC
Operating current	200 mA @ 24 VDC
Alarm current	< 240 mA @ 24 VDC
Auxiliary supply (24 VDC)	9 to 28 VDC @ 1 A (max)
Auxiliary supply (5 VDC)	5 VDC (±0.1V) 75 mA (max)
Battery charger	27.3 VDC at 20°C, 36 mV/°C
Batteries	2 x 12 V (7Ah to 45 Ah)

Loop specifications

Loops per panel	4 (Class A)/8 (Class B)
Loop current	< 500 mA
Addresses per loop	<128 *
Loop cable length	< 2 km
Loop cable specification	Ø 1 mm, 300 nF/km, 100 ohm

Inputs and outputs

Relays	4 (2A @ 24 VDC - 60W)
Supervised Relays	4 (24 VDC, 30 ohm, 120 nF, 500 m)
Inputs (Opto Isolated)	4 (15 VAC/0 to 28 VDC)
Inputs (Supervision selectable)	4
Zone indicators per panel	16 (fire & fault)

Environmental

IP rating	IP54
Operating temperature	-5°C to +40°C
Storage temperature	-20°C to +60°C

Physical

Colour	RAL9016 Traffic White
Dimensions (h x w x d)	445 x 445 x 120 mm
Weight (no batteries)	9 kg

* Protocol dependent

LON700 Modules

Up to 32 LON700 nodes are supported on the optional LON700 network. This includes LCD and LED repeaters, synoptic chart drivers, supervised in- and output boards, relay and open collector output boards, zone monitors and power supplies.

Ordering Information

Part No.	Description
FP1216C-xx	1200/2000 Series Addressable Fire Panel with 2 to 4 loops, 16 zone LEDs
FP-RIM1270	Rim surround for the 780 and 1200N series fire panel boxes (Black)
ESPA2000	FP1200/2000 Series ESPA Protocol Hardware Key
LC1502	2-loop extension board for 1200/2000 series fire panels
LON2000	LON700 Interface Driver for FP1200/2000 Series Fire Panels
NC2011	FP1200/2000 Series ARCNET RS485 Network Card with Single RS485 Interface
NC2051	FP1200/2000 Series ARCNET Network Card with Single Optical Interface
RB2016	Relay Expansion Board for FP1200/2000 Series Fire Panels
BS131N	Sealed Lead-Acid Battery - 12V 18Ah - VdS approved
-xx	Replace by the applicable language code (check with your local UTC Fire & Security equipment supplier)

