

1200/2000 Series Addressable Fire Panel with 2 to 4 loops, 64 zone LEDs

FP1264C-xx

The FP1264C is a versatile addressable fire panel supplied with 2 class-A loops. In addition to a generous backlit LCD display, it provides LEDs for indicating both fire and fault conditions for 64 fire zones on the front panel user interface. The panel may be upgraded with an additional 2 class-A loops, full inter-panel networking facilities on both copper or fibre, as well as with a LON network bus that supports the Aritech LON700 devices and repeaters, amongst others.

The FP1264C provides extensive maintenance features, boasts powerful I/O programming and supports both Aritech 2000 and 900 series protocols.

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)	19 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	64 (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	



- Configuration, maintenance and graphic PC software support
- Up to 128 device addresses per loop
- Full interpanel network options
- Full range of repeaters and LON700 devices including Dutch and Scandinavian fire brigade panels, and Scandinavian alarm delay units
- Networkable "black box" panels
- Power supply for 72-hour autonomy
- Default start-up and service modes
- Programmable service reminders, on-line diagnostics and statistics
- Maintenance warnings and soak testing facilities
- One-man maintenance
- Floating background and drift compensation
- Programmable day/night functionality
- Coincidence within and between zones
- Timed and manual zone control
- I/O programming with Boolean functions
- Scandinavian variants with Scandinavian firemans key available
- EN54 and CPD certified

Ordering Information

FP1264C-xx	1200/2000 Series Addressable Fire Panel with 2 to 4 loops, 64 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
-xx	Language Codes