CF1000 range - Intelligent addressable control panel

The CF1000 range is available as a high specification 1 or 2 loop intelligent addressable control panel, offering sophisticated functionality with simple end user operation.

The simplicity of operation, powerful cause and effect programming capability and competitive pricing make the system suitable for a wide range of small to medium sized projects.

CF1000 uses soft addressing to minimise installation time and remove the potential for error associated with manual addressing.

These panels can operate as a stand alone panel or as part of a network withthe Eaton range of CF3000 panels or other CF1000 panels (additional network card required).

The CF1000 range of panels have an integral power supply and are supplied with batteries as standard.

An extensive range of compatible intelligent addressable system ancillaries are available to work with the CF1000 range all of which incorporate an integral short circuit isolator to provide maximum protection against short circuit faults on the loop.

Features and benefits

- Available in 1 and 2 loop versions
- Up to 200 addresses per loop
- Full network capability up to 126 panels
- Soft addressing
- Large versatile touch-screen user interface
- Multi-language selection capability
- Integral battery and power supply
- Flexible cause and effect programming
- Simple to operate end user touch-screen interface
- Flexible distributed network capability
- Full range of compatible accessories
- Easy to design system cause and effect using site installer software
- Full system integrity with Eaton developed protocol

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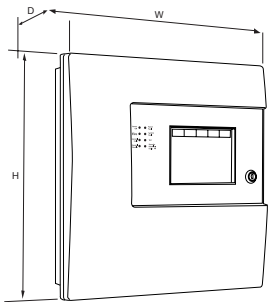
Technical specification

Code	CF1100	CF1200
Description	1 loop control panel	2 loop control panel
Standards	EN54 Pt2,1997, A1:2006, EN54 Pt4,1997 A1:2002, A2:2006, EN54 Pt13: 2005	EN54 Pt2,1997, A1:2006, EN54 Pt4,1997 A1:2002, A2:2006, EN54 Pt13: 2005
Specification		
Number of loops	1	2
Addresses per loop	200	200
Number of conventional sounder circuits	2 monitored for open and short circuit (max 1.5A combined)	2 monitored for open and short circuit (max 1.5A combined)
Auxiliary fire routing equipment output (monitored)	24V dc 30mA (max)	24V dc 30mA (max)
Auxiliary fire protection equipment output (monitored)	24V dc 30mA (max)	24V dc 30mA (max)
Auxiliary fault routing equipment output (monitored)	12V dc 30mA (max)	12V dc 30mA (max)
System operating voltage	24V dc (nom)	24V dc (nom)
Mains input supply	230V ac +10% / -15%	230V ac +10% / -15%
Class change facility	Terminals for connection of external contacts, can also be instigated via input interface	Terminals for connection of external contacts, can also be instigated via input interface
Auxiliary relay	1 set of changeover contacts operate in event of fire condition	1 set of changeover contacts operate in event of fire condition
Output ports	RS485, RS232 for connection of repeaters etc	RS485, RS232 for connection of repeaters etc
Standby duration	Dependant on loop loading and battery configuration	Dependant on loop loading and battery configuration
Battery	2 x 12V 7Ah	2 x 12V 7Ah
Environmental		
Operating temperature	-5°C to +40°C	-5°C to +40°C
Humidity (non condensing)	0 to 93% (+2/-3%) RH	0 to 93% (+2/-3%) RH
Physical		
Construction	Back box - steel	Back box - steel
Dimensions (H x W x D)	375mm x 357mm x 95mm	375mm x 357mm x 95mm
Weight	8kg	8kg
Ingress protection	IP30	IP30
Cable entries	Top: cable knockouts (20mm) Back: cable aperture	Top: cable knockouts (20mm) Back: cable aperture
System networking	Fully networkable up to 126 panels (requires additional network card, per panel)	Fully networkable up to 126 panels (requires additional network card, per panel)

Dimensions



	H (mm)	W (mm)	D (mm)
Panel	375	357	95
Cutout	345	325	50

Catalogue numbers

Description	Code
1 loop control panel	CF1100
2 loop control panel	CF1200
Add to end of product code if network card required	NC
Network kit (for retro fit)	DF61NETKIT
Passive repeater panel	CF3000PRG
Touch-screen repeater panel	CTPR3000
Fire alarm system log book	MFALOG