



**BOSEC**



**CPD**  
APPROVED PRODUCT

**EN54**

# CF2000GCPD



Approved to the latest: EN54 Pt2 & Pt4

CF2000GCPD - Control Panel

## Overview

The Cooper CF2000GCPD is an entry level intelligent addressable control panel which can be configured for either 1 or 2 loop operation.

This intelligent addressable control panel has a graphic display which provides a simple yet comprehensive, menu-driven, end user interface.

With the CF2000GCPD's ability to support Cooper cause and effect programming and a wide range of user controllable functions it makes the panel suitable for a varied range of projects from small warehouses to small/medium office developments as well as many small industrial applications.

As with all Cooper intelligent addressable panels, the CF2000GCPD uses "spur tolerant" soft addressing to minimise installation time and remove the potential for errors often associated with many forms of manual addressing.

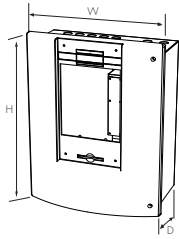
## Features

- Configurable as a 1 or 2 loop panel
- Up to 200 addresses per loop
- Full network capability up to 126 panels
- Network compatible with CF1000VDS and CF3000 ranges
- Soft addressing
- Menu-driven graphic screen
- Multi-language selection capability
- Integral battery and power supply
- Flexible cause and effect programming

## Benefits

- Easy to operate end user controls
- Flexible distributed network capability
- Full range of compatible accessories
- Easy to design system cause and effect using site installer software
- Full system integrity with Cooper developed protocol

## Dimensions



H (mm)	W (mm)	D (mm)
400	320	170

## Installation

The CF2000GCPD has been designed with ease of installation as a major objective.

The panel back box can be either surface or semi flush mounted with cable entry points to both the top and rear. The mother board and integrated power supply are mounted on a sub chassis which is easily removed to aid panel fitting.

Back box mounting is further assisted with the provision of a drill template allowing the mounting screw holes to be pre-drilled and the top two mounting screws fitted prior to final positioning of the back box.

Ample room is provided within the back box for the termination of external cables and bonding of cable screen wires.

## System configuration

The CF2000GCPD can be configured to operate as a 1 or 2 loop panel, or as a network configured panel to integrate up to 126 Cooper control panels.

Using Cooper system protocol the panel "auto learns" the equipment mounted on the loop/s and "soft addresses" each item, ensuring a simple setup procedure and reducing the time required for system setup.

All loop mounted equipment has integral short circuit isolators, ensuring loop integrity is maintained should a short circuit fault occur on the loop.

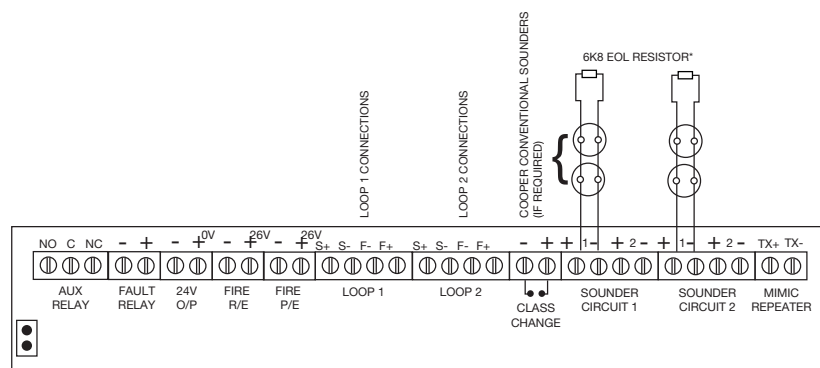
A comprehensive range of interface units are available with the CF2000GCPD including the CSI350 spur isolator which permits Cooper intelligent addressable sensors to be connected to the loop as a spur.

Connection to external equipment or mimic panel is achieved via the RS485 serial output.

## Technical Specification

Code	CF2000GCPD
Description	2 Loop Control Panel
Standards	EN54 Pt2 1997, A1: 2006 EN54-4 1997, A1: 2002 & A2: 2006
<b>Specification</b>	
Number of Loops	2
Addresses per Loop	200
Panel Sounder Circuits	4 outputs, 1A total (programmed in pairs - outputs 1 & 2, 3 & 4)
Class Change Facility	Operated by external, normally open, volt free contacts
Auxiliary Relay	One set of change over contacts, operated in the event of fire activation
Auxiliary Fire Routing Equipment Output	Monitored 24V dc, 30mA (max)
Auxiliary Fire Protection Equipment Output	Monitored 24V dc, 30mA (max)
Auxiliary Fault Routing Equipment Output	Monitored 12V dc, 30mA (max)
Output Ports	RS485 and RS232 (for connection of repeaters etc)
Mains Input Voltage	230V ac +10% / -15%
Operating Voltage	24V dc
Batteries	2 x 12V 7Ah
Standby Duration	24 hours (dependant on loop loading)
<b>Environmental</b>	
Operating Temperature	-5°C to +40°C
Humidity (Non Condensing)	0 to 75% RH
<b>Physical</b>	
Construction	Back Box - Mild Steel, Door - PC/ABS
Colour	Graphite
Dimensions (H x W x D)	400mm x 320mm x 170mm
Weight	15kg
Ingress Protection	IP30
Cable Entry	Top: 20 entry cable knockouts (20mm) Rear: 7 entry cable knockouts (20mm)

## Standard Panel Connections



## Product Codes

Code	Description
CF2000GCPD	Intelligent Addressable 2 Loop Control Panel
NC	Add to end of product code if network card required
MFALOG	Fire Alarm System Log Book

Descriptions represent only particulars of the goods to which they apply and do not form part of any contract. The company reserves the right to change specification without prior notification or public announcement.