



CCD-102

CCD-104

CCD-108

CCD-112

Conventional control panels
CCD-100 series



Description

The range of conventional fire detection control panels of Detnov CCD-100 series have been certified according to EN 54-2, EN 54-4 and EN 54-13 to cover all the requirements of small and medium installations.

This range of fire control panels is made up 4 models and it offers 1, 2, 8 and 12 zones. The common features to the whole range include: the discrimination between manual call point alarm and detector alarm, relay outputs for alarm status and fault status, 2 monitored sounder outputs, 24V auxiliary power output, 24V resettable power output and a configurable input. It also allows to connect optional cards: relay cards, supervised sounder cards and communication cards to allow remote control and integration with other systems.

Using the configuration software (optionally available for the CCD-100 range of power plants) it is possible to configure advanced functions of the conventional power station, such as customising manoeuvres and creating logical manoeuvres, set the short circuit as an alarm and customize other special operating modes. In addition, conventional power plants can be integrated into any Detnov analog system via the TPLD-100 gateway card.

Compatible with Detnov Cloud for remote control and monitoring via smart phones or a computer; cloudbased platform.

Features

- 2, 4, 8 and 12 zones models
- Alarm status relay output
- Fault status relay output
- 2 supervised sounder outputs (500 mA each output)
- Sounder delay settings on motherboard
- 24V auxiliary power output (500 mA (1))
- 24V resettable power output (500 mA (1))
- Configurable external input
- Test mode with auto-reset function
- Multilingual keyboard
- ABS plastic case, can be fitted into the wall (optional)
- Optional supervised sounders expansion card
- Optional free contact relay expansion card
- Optional communication expansion card
- EN 54-2, EN 54-4 and EN 54-13 approved

Applications

The CCD-100 range of fire control panels are ideal products to meet all the requirements of small and medium installations. Thanks to their simplicity of installation and excellent quality-price ratio, these fire control panels are ideal for protected areas where up to 256 conventional fire detectors are required, such as shopping malls, schools, industrial buildings, car parks, etc.

Technical features

Control panel									
Power supply:	90-264VAC 50/60 Hz								
Battery capacity:	2 x 7.5 Ah								
Zones:	<table border="0"> <tr> <td>Max. alarm current consumption:</td> <td>82 mA</td> </tr> <tr> <td>Max. quiescent current consumption:</td> <td>3.5 mA</td> </tr> <tr> <td>Max. devices per zone:</td> <td>32 detectors / 10 MCP</td> </tr> <tr> <td>Max. cable resistance per zone:</td> <td>44 Ω</td> </tr> </table>	Max. alarm current consumption:	82 mA	Max. quiescent current consumption:	3.5 mA	Max. devices per zone:	32 detectors / 10 MCP	Max. cable resistance per zone:	44 Ω
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Sounder outputs:	<table border="0"> <tr> <td>Maximum load:</td> <td>500 mA per output</td> </tr> <tr> <td>Delay selectable on board:</td> <td>0 - 10 minutes</td> </tr> </table>	Maximum load:	500 mA per output	Delay selectable on board:	0 - 10 minutes				
Maximum load:	500 mA per output								
Delay selectable on board:	0 - 10 minutes								
Free contact relay outputs:	10A to 30VCC								
24V auxiliary output:	500 mA ⁽¹⁾								
24V resettable output:	<table border="0"> <tr> <td>Maximum load:</td> <td>500 mA ⁽¹⁾</td> </tr> <tr> <td>Replacement time:</td> <td>5 seconds</td> </tr> </table>	Maximum load:	500 mA ⁽¹⁾	Replacement time:	5 seconds				
Maximum load:	500 mA ⁽¹⁾								
Replacement time:	5 seconds								
Environment									
Operating temperature:	From -5°C to +50°C								
Relative humidity:	95% without condensation								
IP Index:	IP30								
Physical features:									
Size:	439 mm x 268 mm x 112 mm								
Weight (without batteries):	1,9 kg								
Approvals:									
EN 54-2, EN 54-4 and EN 54-13									
Certificate number:	0370-CPR-3149 PR-1811-064								

(1) 24V auxiliary and 24V resettable outputs share the 500 mA.

Dimensions

