

CCD-103 Extinguishing Control Panel

Description

The CCD-103 fire control and Extinguishing control panel is a compact solution for a detection and extinction system. It has been certified according to EN12094/1 and EN54 parts 2 and 4 in order to meet all the requirements of small and medium installations. The CCD-103 consists of two blocks, one detection bloc and one extinction block.

The detection block has been designed on the bases of the features of our range of Conventional Panels CCD-100. The extinction block is composed of all the functions required in a one risk extinction system. It allows controlling the activation of the extinction bottle and also the warning sign. The three Manual Call Points characteristic of the extinction process: Start, Stop and hold, together with a manual system integrated in the own panel provide to the CCD-103 a manual control of the extinction process.

A flow and pressure indicators provides a monitoring facility for the extinction bottle, and the two possible states of the extinction process, pre-activated or activated, are indicated by means of the two corresponding sounder outputs. the control over the area is guaranteed through the surveillance of the area's door together with the fan control.

The frontal panel presents a clear interface, with LED indicators for the operation status, a countdown timer that shows the time remaining until the extinguishing agent is discharged, two Key-operated selector switches, one for the selection of the extinction working mode, and the other for the keypad lock. The Conventional Extinction Panel CCD-103 also offers the possibility to connect optional cards such as relay cards, supervised sounders and /or a communication card that allow the Integration of the panel in any Detnov's Analog System.

The configuration of the panel can be performed through its own keypad, or through the configuration software, and allow the user to customize the functionality of the system in a simple and flexible way.

The configuration software of the CCD-103 allows also the possibility to obtain the history of events recorded by the panel.

Features

0	Three conventional detection zones and	0	TThree MCP inputs: start, stop and hold for the
	one extinction risk		manual control of the extinction process.
0	Free contact alarm relay output	0	Manual Release Gas Extinguishing System
0	Free contact fault relay output		integrated on panel.
0	1 supervised sounder output	0	Two sounder outputs for the indication of the two
0	Sounder delay configuration on board		possible states of the extinction process, pre-
0	24 auxiliary output		activated and activated.
0	Configurable external input.	0	Countdown timer display that shows time
0	One output for the activation of the bottle		remaining until release.
	and one for the warning sign activation.	ο	Configurable extinguishing delay on board.
0	Two inputs for the bottle surveillance: one	0	Working modes for the extinction block: Manual,
	for the pressure and one for the flow.		automatic and disabled.
0	TThree MCP inputs: start, stop and hold for	0	Two inputs for the area's surveillance: one for the
	the manual control of the extinction process.		door and one for the fan.
0	Manual Release Gas Extinguishing System	ο	Event History register.
	integrated on panel.	0	ABS plastic case which can be fitted into the wall
0	Two inputs for the bottle surveillance: one for the		Optional supervised sounder card and optional free contact relay card.
	pressure and one for the flow.		Optional communication card that allows the integration of the panel in
0	TThree MCP inputs: start, stop and hold for the		an Analogic system.
	manual control of the extinction process.	0	Configuration Software.
0	Two inputs for the bottle surveillance: one for the		
	pressure and one for the flow.		

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Applications

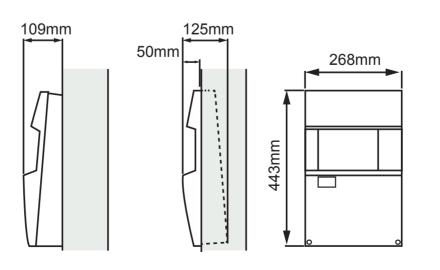
The Conventional Extinction panel CCD 103 is a suitable product to meet all the requirements of small and medium installations where it is desired to control an extinction risk. Thanks to its simplicity of installation and excellent quality-price ratio, these fire control panels are ideal for protecting installations where it is required a protection without collateral damage produced by the extinguishing agent, such as informatics rooms, Electrical switchboards rooms, generators, art galleries, etc.

Technical Features

Control nanol		
Control panel		00.0041/4.0.0514/
	Power supply:	90-264VAC 65W
	Battery capacity:	2x2.3Ah/2x7.5Ah
Detection block		
	Zones: Max. Alarm current consumption Max. Quiescent current consumption: Max. Cable resistance per zone:	3 zones and 1 risk 82 mA 3.5 mA 44 Ohms
	Sounder outputs: Maximum load: Delay selectable on board:	450 mA /output 0 -10 minutes
	Free contact relay outputs	10 A a 30VdC
	24 auxiliary output:	450 mA
Extinguishing Block		
	Features sounder , Bottle , 2ST and 1ST outputs Standby output voltage Output voltage on Maximum output current	Between -5Vdc and -9Vdc Mín 18Vdc Max 29 Vdc 450 mA
	Ventilation relay Voltage free relay Contact rating	1 relay with contacts C, NA, NC 2A a 30 Vdc
Environmental Features		
	Working temperature	Between –5 °C to 40 °C
	Relative humidity	Maximum 95% no /condensing
	Protection index	IP30
Mechanical Features		
	Dimensions (height-width-depth)	443x268x109
	Dimensions with packaging	480x310x200
	Weight	1.9 kg
Approvals		
	EN 54-2, EN 54-4 y EN12094/1	
	Certificate Number	0370-CPR-1880

*The maximum consumption between the sounder (detection block) and the two sounder outputs that signalize the two states of the extinguishing process hast to be inferior to 750 mA..

Dimensions



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