



CAD-250 CAD-250-P

Addressable control panels
Serie VESTA

Description

The new VESTA series of addressable control panels brings benefits of simple and agile programming and offers advanced features such as remote connectivity and a 10" touch screen.

VESTA provides the ideal solution for fire detection, as it is flexible enough to meet the requirements of any installation size and adapt to new designs easily and quickly.

To develop this new generation platform, we obtained extensive information from installers, end users, engineering and fire departments in several countries. As a result, we have assembled a variety of innovative and design improvements, thanks to which it is now easier and cheaper than ever to install fire detection systems, which can increase your profitability and the success of your business.

VESTA represents the latest generation of fire detection control panels with the following characteristics:

Attractive and elegant design

With a 10" (25.4 cm) color touch screen and an intuitive menu-based interface, VESTA is extraordinarily easy to use, you can quickly access detailed information, view reports and run a variety of operations from the screen.

High performance

Inside the panel we have incorporated state-of-the-art processors with the latest advances in technology, allowing faster processing, intelligent and high manoeuvrability. Being able to carry out all the configurations that the installation requires, manoeuvres can be programmed between the input devices and the devices of outputs between areas, zones, points or groups.

Highly scalable

Its incredible scalability allows a more than simple expansion, the fire station can incorporate from 2 to 32 loops, by means of the micro-processed 2-loop card (TBUD-250) and the CAD-250-B box that can accommodate a maximum of 8 loops.

The VESTA series control panels T-Network allows the system to be expanded to a total of 64 nodes, being able to control more than 512,000 devices, as the needs of its installation change and grow, it can grow with them. For this it is necessary to install the card TMB-252 or TMBFI-252 in case of fiber optic connection.

Easy installation and maintenance

It has an Ethernet port on the motherboard of the central thing allows us to have endless possibilities, one of the most remarkable is remote programming, can save travel costs for start-up and maintenance staff.

Open integration for all systems

We have open protocols to be able to make integrations with other systems and devices, allowing to interact with the other systems installed in the buildings (air conditioning, security, lighting, etc.), it has RS-232 and RS-485 outputs, as well as an Ethernet port.

*Some features will be released in later versions.

Features

- 10" Touch screen
- Log up to 1.000.000 events
- Up to 32 loops
- Up to 250 devices per loop
- Graphic management
- Communication ports RS485 RS232 and Ethernet
- Up to 64 control panels in a network (T-Network)
- EN 54-2 and EN 54-4 approved
- Modbus IP
- Transmission to CMS with TCD-109
- Compatible with SGD-151 graphic software

Technical features

Panel													
Power supply:	90 - 264VAC 50/60 Hz												
Quiescent current: CAD-250: CAD-250-P:	410 mA to 710 mA, according to loop qty 460 mA to 760 mA, according to loop qty												
Battery capacity:	2 x 24 Ah												
Loop:	<table border="0"> <tr> <td>Maximum quantity of loops:</td> <td>32</td> </tr> <tr> <td>Maximum quantity of devices per loop:</td> <td>250</td> </tr> <tr> <td>Maximum load:</td> <td>400 mA</td> </tr> <tr> <td>Maximum loop length:</td> <td>2 km</td> </tr> <tr> <td>Maximum cable resistance:</td> <td>44 Ω</td> </tr> <tr> <td>Maximum cable capacity:</td> <td>500 nF/km</td> </tr> </table>	Maximum quantity of loops:	32	Maximum quantity of devices per loop:	250	Maximum load:	400 mA	Maximum loop length:	2 km	Maximum cable resistance:	44 Ω	Maximum cable capacity:	500 nF/km
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Maximum load:	500 mA per output												
Delay configuration:	By software												
Free contact relay output:	10A at 30VDC												
24V auxiliary output:	500 mA												
Environment													
Operating temperature:	From -5°C to +40°C												
Relative humidity:	95% without condensation												
IP Index:	IP30												
Physical features													
Dimensions CAD-250:	533 mm x 453 mm x 212 mm												
Approvals													
EN 54-2 and EN 54-4													
Certificate number:	0370-CPR-3148												