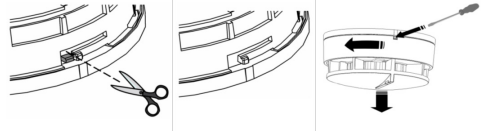


STD-200-CA1

ENGLISH



The detectors have a fixation system that prevents the detector can be removed without using a tool. To use the fixation is necessary to cut the tab shown in the picture below.



If you want to extract a detector that has been blocked, it is necessary to use a screwdriver into the slot by pressing the detector and rotating the detector at the same time in opposite direction of clockwise.

1- Introducción

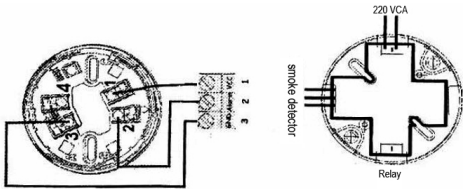
Give an extra protection to your capacitor bank with the new STD-200-CA1 fire detector unit.

This product has the latest technology in fire detection that makes this product a must for the people that requires the best protection to their capacitor banks.

The elegant design of the product it suits perfectly with any installation, no matter what are the requirements. It has been developed using the most innovative technical advances. The STD-200-CA1 fire detector unit is based in an optical dark chamber, which, thanks to its desing, avoids un wanted air flows and facilitates the guidance of the smoke to the sensor. The detection principle is based on the Tyndall effect: when the smokes comes into the optical chamber, the detector goes into, alarm status due to the scattered light received by the optical sensor. The camera is protected to avoid the entrance of dirt and insects. This detector also incorporates compensation algorithms which avoid false alarms due to the dirtiness of the optical chamber, and it postpones equipment maintenance.

2- Installation

Below is a standard wiring of the detector.

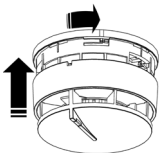


Placement of the detector

Do not place detectors along the walls, leave a minimum of 10 cm from the detector to the nearest wall. consider whether there are elements that may obstruct the movement of smoke.

Detector fixation

The detectors are fixed to the connection base STD-200-CA1 by turning the detector in the direction of clockwise. To remove it you must rotate in opposite direction.



3- Test and Maintenance

Once installed the detectors, the installation must be powered.

In case of any detector enabled, check that there are no environmental causes or artificially generated, which can adversely affect the detector performance (dust, vapor, air, currents, etc.)

the maintenance of the detectors must be performed in government regulations, checking that in the smoke detectors enters smoke inside the camera sensor, and that the detector goes into alarm by activating the red LED. In case of using aerosols, read carefully the manufacturer's instructions to avoid damaging the detector.

The maintenance of smoke detectors, caution should be exercised with dirt inside the camera sensor, as it could generate false alarms. To clean the camera, do it with pressure air. There must be not removed at any time the camera or the dome of the detector.

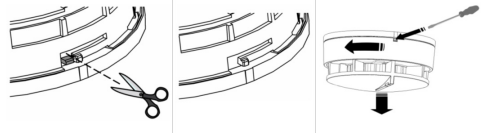
3- Technical features

Model-Reference	STD-200-CA1	
Environmental features		
• Working Temperature	-10 to 70 °C	
• Storage Temperature	-10 to 80 °C	
• Relative Humidity	95% without condensation	
• Protection Index	IP40	
Detector Features		
• Operating voltage	220 VCA	
• Quiescent current consumption	<10µA	
• Alarm current consumption	<100mA	
Connections features		
• Terminal connection	block	2 wire power and 2 wire relay signal
• Cable type	0.5 mm ² to base	
Physical features		
• Height x Ø	70 x Ø 100mm	
• Material	ABS	

STD-200-CA1



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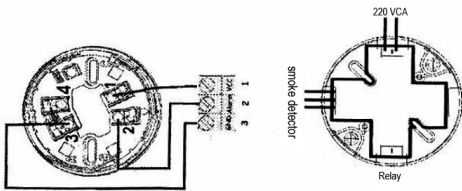
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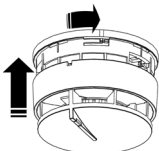


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