

CHORDN

Chordn Srl

**Industrial
automation
and
electrification**



Dedicated
smoke
detectors for
electrical
cabinet

Description

A dedicated smoke detectors for electrical cabinet is a device that senses smoke, typically as an indicator of fire, and issues sound and light alarm signal in time. Using CPU control, it can intelligently detect the smoke concentration of fire. When the smoke concentration exceeds the preset alarm threshold, the detector will be triggered into the alarm state and the relay gives response at the same time. The alarm signal will be presented in the form of changeable action of the relay contacts and has the alarm locking function. Resetting the alarm can only be done through a short power off. In addition, chordn smoke detector is fitted with relay output and RS485 communication. It's particularly suitable for those scene where the fire is likely to generate a large amount of smoke but no smoke under normal situation, such as computer rooms, communications machine rooms, power distribution cabinets and so on.

Main features

Product series	HSRV1BT
Power supply	9-30VDC(12/24VDC)
Current	Monitoring: 1mA@12VDC 5mA@24VDC Alarm: 30mA@12VDC 35mA@24VDC
Relay output	1CO(SPDT)/RS485
Contact rating	30VDC 1A
Alarm output	Relay
Indicator	Monitoring: red led flash Alarm: red led on
Mounting height	≤12m
Alarm volume	80dB@3m
Overtemperature	57°C(typical)
Mounting	Panel
Dimension	65x65x39mm
Housing material	ABS, self-extinguishing
Working temperature	-10 - +65°C
Ambient humidity	≤95%
Conformity	CE
Weight	approx. 64g



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