



EWS-4001 ADDRESSABLE MULTI-OUTPUT CONTROL DEVICE

Overview

The EWS-4001 addressable multi-output control device is designed to control different fire-fighting automatic equipment, in particular for switching-on pre-fire warning sound systems and synoptic signs. The EWS-4001 device can operate only in lines/loops of POLON 4000 addressable fire alarm systems.

This element can be installed indoors or outdoors.

Principles of operation

The EWS-4001 multi-output control device is equipped with eight independent relays with potential-free change-over contacts. These relays can be programmed and switched depending on the different criteria programmed at the control panel, e.g. alarm from a selected zone, sum or ratio of alarms from selected zones, main fire alarm of the control panel, etc.

Design

The casing of the EWS-4001 multi-output control device is cuboid shaped, made of plastic with a labeled circuit board with relays and a row of junction blocks for connection of installation wires. The casing guarantees a high grade of ingress protection enabling installation under hard conditions or in outdoor installations. The casing has appropriate seal glands inputs to separate routing of a monitoring line and control lines

Technical specifications

Operating voltage	16.5 ÷ 24.6 V
Current consumption	≤ 150 µA
Number of output relays	8
Type of relay contact	change-over
Load capacity of relay contact	2 A/30 V
Max. number of elements in one detector line	20
Max. number of co-operating elements:	
- with POLON 4100 control panel	40
- with POLON 4200 control panel	50
- with POLON 4900 control panel	100
- with POLON 4500 control unit	80
Operating temperature range	from -25 °C up to +55 °C
Ingress protection	IP 65
Dimensions with glands	250 x 195 x 75 mm
Mass	0.5 kg