SSR3

Optical sensor for the automatic opening/closure of windows and rooflights in the event of smoke detection. Compatible with most smoke control units. When smoke is detected the sensor will automatically send a signal to the actuator (via control unit). Supplied complete with standard base.

Application

Smoke
Ventilation

Part Codes

SSR3	SSR3 Optical Smoke Sensor & Standard Base

Technical Data

Primary Voltage	9-33V DC
Operating Condition	N/A
Sensitivity	Nominal alarm threshold of 0.16db/m obscuration measured in accordance with EN54-7:2000. deep.
Cable Size	2-Core
Quiescent current	30µA @ 24 VDC.
Alarm Voltage	6-33V DC
Alarm Current	19mA @ 12-33V DC; 11mA @ 9V DC; 2.5mA@ 6V DC.
Alarm Reset Voltage	Less than 1V DC (+0.5 seconds alarm reset time)
Expansion Connections	Remote LED output available via ActiV base. Current source to the negative line, short-circuit protected. Max
Delivery	1 x Smoke Sensor & 1 x Standard Base
IP Rating	IP42
Size	102.2mm diameter x 37mm deep (detector in base); 102.2mm diameter x 57.5mm
Weight	99g
Certification	Certified to EN54-7 by Intertek

Compatible With

SCP-500	SCP500 Control Unit 24V 5 Amp
SCP-800	SCP800 Control Unit 24V 8 Amp
WSC104	WSC 104 Control Unit 1-Zone 24V 4 Amp
WSC310-PLUS	WSC 310 Plus Control Unit 2-Zone 24V 10 Amp
WSC320-PLUS	WSC 320 Plus Control Unit 2-Zone 24V 20 Amp
WSC320-PLUS-10	WSC 320 Plus Control Unit 10-Zone 24V 20 Amp
WSC520-****	WSC 520 Control Unit 24V 20 Amp
WSC540-****-****	WSC 520 Control Unit 24V 40 Amp
WSC560-****-****-****	WSC 520 Control Unit 24V 60 Amp