

LRS compact/EB - ESSER, German



Part No.: 801519

Approval: VdS, LPCB

Description

Active early-warning fire detection system for the esserbus, based on laser technology.

Features

- Fully integrated esserbus device
- Programming and commissioning possible via the fire alarm control panel System 8000 / IQ8 Control / FlexES
- Direct transmission of all alarm messages, warning and fault messages to the control panel
- Three alarm thresholds (information, pre- and main alarm)
- Automatic learning function for determining optimum alarm threshold values (possible via the control panel)
- Sensitivity range of 0.005 % / m to 20 % / m obscuration
- Connection of an extraction pipe with a max. length of 80m (2 x 50 m)
- Voltage monitoring input for external power supply
- One potential-free NO contact (contact load 30 V DC/1 A) for main alarm
- Filter and air flow monitoring for maintenance support
- Event memory with up to 12,000 events
- max. 8 LRS compact/EB per loop

Technical Data

Operating voltage	18 ... 30 V DC	
Current consumption @ 24 V DC	approx. 245 mA	
	Contact load	max. 30 V DC / 1 A
Ambient temperature	0 °C ... 39 °C	
Storage temperature	-5 °C ... 45 °C	
Type of protection	IP30	
Housing	polycarbonate	
Air humidity	10% ... 95% (without-condensation)	
Color	gray, similar to RAL 7035	
Weight	approx. 1900 g	
Abmessungen	W: 225 mm H: 225 mm D: 85 mm	

Additional information

Programming via Editor, tools 8000 or VESDA software

Downloads

Product data sheet LRS Aspirating Smoke System

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