

Heat Detector LHD-PACC



Part-No.: 762291


Approval: VdS

The resettable linear heat detector LHD-PACC has separate relay outputs for pre-alarm, fire alarm and system fault for triggering detector zones on an alarm transponder 808623.40. Due to the differentiated ambient temperature compensation, the window of the set alarm temperature balanced and alarm temperature accuracy maintained. The system is resettable after an overheating or fire condition, if the monitoring sensor cable is not temperature above the maximum recoverable temperature, or mechanically damaged. The Monitoring of the sensor line is carried out via the termination module PACC art. no. 762292 (not in scope of delivery), in which reference measuring resistors for line monitoring are integrated.

Features:

- Display for system states and measured values
- Collective displays for alarm, fault, pre-alarm and operation
- System parameterization and maintenance via Laptop
- Sensor length 30.5 m to 500 m
- Relay contacts for alarm and pre-alarm
- Optocoupler output for fault
- Separate reset input for resetting 5-28V DC min. 3 seconds
- Use as class A1/A2/B linear heat detector
- Approval according to EN54-22/2015
- Thermal differential activation

Operating voltage	20 ... 30 V DC
Quiescent current	approx. 31 mA at 20 V DC to 20 mA at 30 V DC (without LCD backlight)
Current consumption	61 mA at 20 V DC to 39 mA at 30 V DC (without LCD backlight and alarm)
Current consumption	85 mA at 20 V DC to 59 mA at 30 V DC (with LCD backlight and alarm)
Contact load	Fault NC optocoupler output 35V DC/80mA
Contact load relay	alarm & pre-alarm 2A/30V DC; 0.25A at 250V AC
Ambient temperature	-20 °C ... 50 °C
Air humidity	< 95 % (non-condensing)
Type of protection	IP 65 (IK 08)
Housing	Polycarbonate
Weight	approx. 0,86 kg
Maximum sensor length	500 m
Dimensions	W: 182 mm H: 180 mm D: 90 mm

 The linear heat detector is connected via an esserbus transponder 808623.40. The Termination module PACC 762292 is not included in delivery and must be ordered separately. Trigger temperature according to EN54-22/2015: Class A1 I/A2I, nominal alarm temperature 66 °C; Class BI nominal alarm temperature 80°C Application temperature according to EN54-22/2015: Class A1 I/A2I = 25°C; Class BI = 40°C