

Detector base with relay output for ES Detect 48 V DC operation



Part-No. 805592

Detector base with relay contact output, for ES Detect detector family. Suitable for 48 V DC operation.

Contact: floating normally open or normally closed, selectable via coding strap, factory setting: normally closed (NC).

The smoke detector of series ES Detect used in the detector base can be reset manually or automatically by a short interruption (4 seconds) of the detector voltage.

A typical use for this base with ES Detect detector is to monitor mobile communication stations.

Features:

System benefits:

- Optimally matched to the ES Line system
- With multisensor detectors for the detection of all fires, even under the most difficult operating conditions
- Up to 30 detectors per detection group

Reliable detection:

- Uniform response sensitivity of the detector for all different types of fire for the multisensor detectors
- Large distance between signal and interference magnitudes due to special sensor and electronics design for suppressing electromagnetic influences
- Automatic adaptation to varying environmental influences
- Electronic compensation also called drift-compensation of long-term influences of contamination or aging

Reliable false alarm suppression:

- High reliability against false alarms by temporal evaluation of different sensor criteria, with built-in insect screen and sealed against rear air flow entry
- Exclusion of signal forms not typical of fires through special filter algorithms
- Automatic self-monitoring of the detector electronics
- Automatic self-monitoring of sensors for function and condition

Maintenance:

- Designation of the heat detector by a black ring on the light pipe
- Hours of operation, alarm and fault counter in each detector
- Operation data retrieval of all detectors of a group with standard service PC and field bus interface
- Detector LED for alarm display and as an identification display in the service (for maintenance with 8000 tools)

Wide range of accessories:

- Standard socket and relay base
- Socket adapter for ceiling installation
- Dust caps optional for fire detectors and detector base
- Kit for suspended mounting

Operating voltage	42 ... 58 V DC
Alarm current @ 9 V DC	9 mA
Contact load relay	30 V DC / 1A, 60 V DC / 0,45 A
Air velocity	0 ... 25.4 m/s (tested according UL)
Application temperature	-20 °C ... 72 °C
Storage temperature	-25 °C ... 75 °C
Connection terminal	Ø 0,6 mm ... 2 mm ²
Type of protection	IP 43 (base + option)
Material	ABS
Air humidity	< 95 % (non-condensing)
Color	white, similar to RAL 9010
Weight	approx. 80 g
Dimensions	Ø: 117 mm H: 24 mm (incl. detector 62 mm)



Cable entry on the side or bottom plate.
For looping existing wires, for example, the type 243-204 WAGO terminals (Ø 0.5 mm Ø 1.0 mm) or 273 to 104 (0.75 mm-2.5 mm) are used.
Not for use with IQ8Quad detectors!
Not for use in esserbus and powered loop ringbus!
Contained in Part No. 800361.10
Replacement for Part No. 781582



Detector base is not supplied as standard

Accessories:

767800 assembly bracket
805590 standard IQ8Quad detector base
805591 detector base with IQ8Quad relay contact