

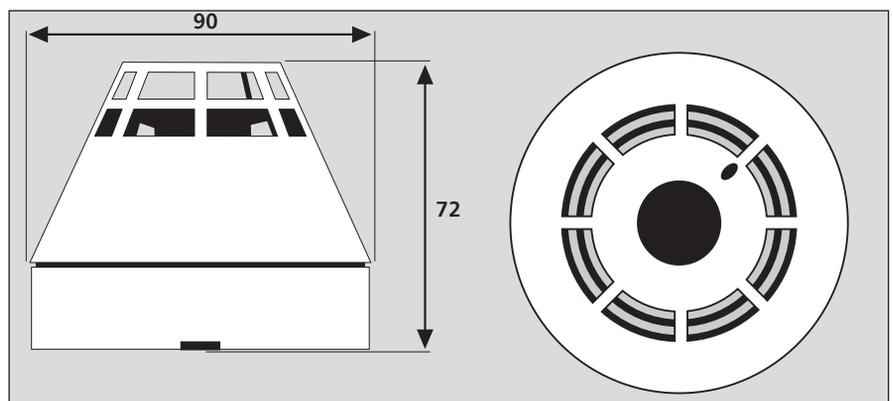
Series 9000 conventional detector with relay contact, for 48 V DC operation

- Direct connection to a 48 V DC voltage supply
- Voltage input protected against polarity reversal
- Floating relay contact, maximum 60 V DC / 0.45 A, for alarm forwarding
- Low quiescent current
- Large operating voltage range
- Easy installation
- Aesthetically appealing design



Automatic conventional detector with relay contact, for 48 V DC operation

The conventional detector with relay contact (761306) consists of a Series 9000 optical smoke detector (761362) and a detector base which facilitates a direct connection to a 48 V DC voltage supply. Thus the detector does not have to be operated in connection with a fire alarm control panel. If the detector detects a fire alarm, a floating relay contact switches and the alarm can then be forwarded. The relay contact is set to "normally closed" by default, but can also be configured to "normally open" with a soldered link on the base circuit board. A typical application for this detector is the monitoring of mobile stations.



Dimensions drawing (mm)



Detector base with relay card for direct connection to a 48 V DC voltage supply

Technical Data

Part No.	761306	761362
Type	Optical smoke detector incl. base with relay	Optical smoke detector
Operating voltage	42 V to 58 V DC	8 V to 28 V DC
Rated voltage U_N	48 V DC	9 V DC
Quiescent current U_N	approx. 40 μ A puls.	approx. 20 μ A puls.
Quiescent current U_L max.	-	approx. 40 μ A puls.
Alarm current U_N max.	max. 30 mA (incl. relay)	9 mA
Area to be monitored	max. 110 m ²	max. 110 m ²
Height to be monitored	max. 12 m	max. 12 m
Application temperature	-20 °C to +72 °C	-20 °C to +72 °C
Detector specification		EN 54-7
VdS-Approval		G 29226
CE certificate		0786-CPD-20097

General Technical Data

Indicator	inclusive
Alarm memory	inclusive
Storage temperature	-25 °C to +75 °C
Air humidity	≤ 95 % rel. humidity (no condensation)
Type of protection	IP 40 IP 42 (with mounting board) IP 43 (with base adapter)
Material	ABS
Color	white, similar to RAL 9010
Weight	approx. 90 g (approx. 170 g incl. base)
Dimensions incl. base (Ø x H)	90 x 72 mm

Order Information

	Part No.
Smoke detector with relay contact for 48V DC operation, including detector bases	761306*
Optical smoke detector	761362
Mounting board	781495
Base adapter	781498

*The 761306 detector can be ordered only as packaging unit with 5 pieces (e.g. 5, 10, 15, 20 pieces etc.)