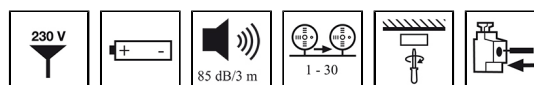


PROTECTOR K 230 V AC

Item number
ER10018916

GTIN
4015120018916



Product description

- Photoelectric smoke detector for **230 V operation** with in-built relay driver for the PROTECTOR K switching relay
- Safety through automatic self-test with fault display
- Extra safety through genuine electronic smoke chamber testing at the push of a button



Technical data

GENERAL

Device category	Smoke alarm
Remote controllable	–
Conformity	CE, EAC, RoHS, WEEE
Warranty	3-year
Electronic smoke chamber test	at the push of a button
Automatic testing	approx. every 45 seconds with fault display
Power consumption	0.5 W
Suitable for radio transmission	No
Networkability	up to 30 detectors by wire
Signal volume	approx. 85 dB/3 m

ATTACHMENT

Installation type	Surface mounting
Installation position	Ceiling

Installation dimension

Installation depth: 18 mm, Ø 20 mm

HOUSING

Dimensions	Height/Depth 48 mm, Ø 106 mm
Weight	168 g
Material	ABS, halogen-free
Protection type	IP20
Permissible ambient temperature	0 °C...+55 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010

ELECTRICAL VERSION

Control system	ON/OFF
Protection class	II
Nominal voltage	230 V ~ / 50 Hz
Power consumption	0.5 W

Accessories

Product designation	Item number	Product description	GTIN
Electrical accessories			
PROTECTOR K 230 V FILTER	ER10019098	Filter for PROTECTOR K series to prevent network interference, 230 V ~	4015120019098
PROTECTOR K RELAY	ER10018923	Switching relay for PROTECTOR K series for triggering external devices such as sounders, flash lights and alarm horns	4015120018923
Mounting			
PROTECTOR K MOUNTING BOX 20 SM WH	ER10018992	Surface-mounted box for PROTECTOR K series, 20 mm	4015120018992
PROTECTOR K MOUNTING BOX 27 SM WH	ER10018985	Surface-mounted box for PROTECTOR K series, 27 mm	4015120018985

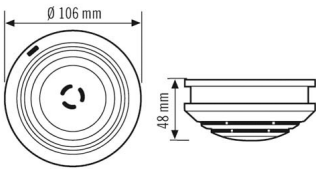
PROTECTOR K 230 V AC

Item number	GTIN
ER10018916	4015120018916

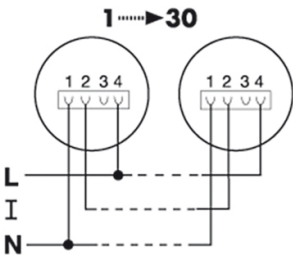
Accessories

Product designation	Item number	Product description	GTIN
Protection			
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm,	4015120425608
BASKET GUARD ROUND SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm,	4015120425615

Dimension drawing

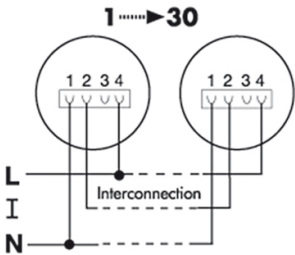


Circuit diagram

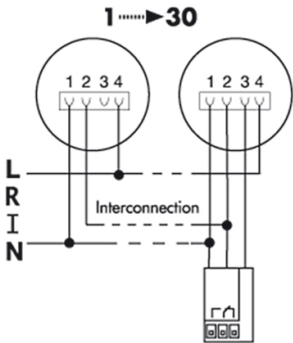


Connection 230 V ACSmoke detector PROTECTOR K 230 V filter

Circuit diagram



Circuit diagram



Connection 230 V AC and interconnection
Note: Interconnection with max. 30 detectors, max. line length 300 m.

PROTECTOR K 230 V AC

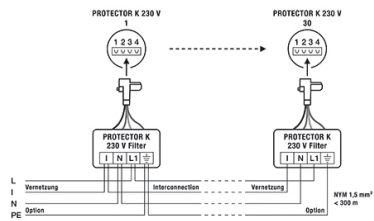
Item number

GTIN

ER10018916

4015120018916

Circuit diagram



Connection 230 V ACSmoke detector PROTECTOR K 230 V filter