

PROTECTOR K 230 V ~

Item number **GTIN**
 ER10018916 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
Electronic smoke chamber test	at the push of a button
Automatic testing	approx. every 45 seconds with fault display
Power consumption	0.5 W
Model name	K12AC
Suitable for radio transmission	No
CPD number	0786-CPD-20471
Networkability	up to 30 detectors by wire
Signal volume	approx. 85 dB/3 m
Warranty	3 years
ATTACHMENT	
Installation type	Surface mounted (plaster)
Installation position	Ceiling

Installation dimension	Installation depth: 18 mm, Ø 20 mm
Connectable wire cross section	0.75 – 2.5 mm ²

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

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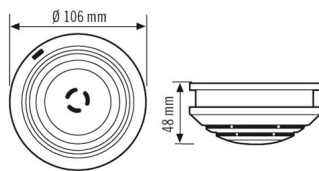
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Accessories

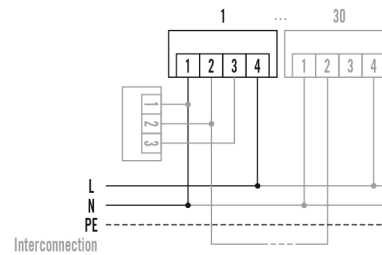
Product designation	Item number	Product description	GTIN
PROTECTOR K MOUNTING BOX 27 SM WH	ER10018985	Surface-mounted box for PROTECTOR K series, 27 mm	4015120018985

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



230-V connection. Also available networking with max. 30 detectors (max. line length 300 m) and PROTECTOR K relay.

Detailed 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
- Protection against false alarm thanks to antistatic smoke chamber
- Back-up 9 V block battery (included)