

2.18

Ex-Twilight switch

2 For use in Zones 1 and 2

For the comfortable and automatic control of lighting in hazardous areas.

This screw-in twilight switch has been approved for direct installation in Ex-d and Ex-e enclosures.

The electronics and the light-sensitive sensor are encapsulated in a flameproof light alloy enclosure with a M32 x 1.5 threaded connection. The encapsulated connection cables are 500 mm long.

The photocell has an electronic circuit with a low power consumption of approximately 0.3 W and a voltage range of 105 V AC to 305 V AC 50/60Hz and switches a rated current of 10 A or a max. power of up to 1800 VA.

The electronics switch on immediately if the light falls below the threshold values. However, there is a 2 to 5 second switching-off delay to avoid accidental switching due to light flashes.



Features

- Switching capacity up to 1800 VA
- High degree of protection IP66
- Easy to install

Ordering details

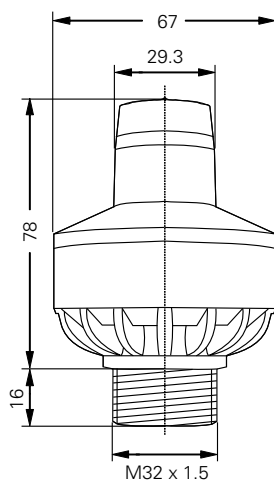
Type	Content	Order No.
SG-Ex RFE		
Twilight switch SG-Ex RFE	Sensitivity 4 - 15 lux	GHG 640 9601 P0003

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Technical data

Twilight switch SG-Ex RFE	
Marking accd. to 2014/34/EU	Ex II 2 G Ex d IIC T6
EC-Type Examination Certificate	PTB 06 ATEX 1017 X
Permissible ambient temperature	-40 °C up to +70 °C
Rated voltage	105 V to 305 V AC
Rated current	max. 10 A
Frequency	50 - 60 Hz
Power consumption	≤ 1 W
Rated switching capacity	1800 VA
Standard cable length	approx. 0.5 m, 3 x 1.5 mm ²
Protection class	I
Degree of protection accd. to EN 60529	IP66
Weight	0.25 kg
Type of mounting	screw in thread M32 x 1.5
Enclosure material	aluminium
Enclosure colour	grey



Dimensions in mm