Ex-Twilight switch

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

For use in Zones 1 and 2
Ordering details / Technical data / Dimension drawing

Twilight switch SG-Ex RFE

Ordering details

<table>
<thead>
<tr>
<th>Type</th>
<th>Content</th>
<th>Order No.</th>
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<tbody>
<tr>
<td>SG-Ex RFE</td>
<td>Twilight switch SG-Ex RFE</td>
<td>GHG 640 9601 P0003</td>
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<td>Sensitivity 4 - 15 lux</td>
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Technical data

- Twilight switch SG-Ex RFE
- Marking accd. to 2014/34/EU: 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 mm²
- 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

Dimensions:
- M32 x 1.5
- 67
- 29.3
- 16
- R2

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