

ATX™ SBDO Series Signaling and Lighting Bulkheads

Flameproof. Compact Fluorescent, Incandescent

ATEX/IECEX:
Zone 1 and 2 - 21 and 22
⊕ II 2 GD
IP66 - IK08

Applications

- For lighting and signaling.

Features

- For 7, 11, 15 Watt compact fluorescent or up to 100 Watt (maximum) incandescent (lamps not supplied).
- E27 lampholder.
- Operating in any position.
- Fixing by 2 integrated brackets.
- Connection to lampholder via two terminals 1 x 2.5 mm² (0.002 x 0.004 in²).
- Internal earth two terminals 2.5 mm² (0.004 in²), external earth 1 x 4 mm² (0.002 x 0.006 in²).
- Two M20 entries through feed.
- Supplied with 1 blanking plug M20.

Standard Materials

- Body and bezel: gray painted aluminum
- Sealed toughened lamp glass
- Guard: zinc plated steel

ATEX/IECEX Certifications and Compliances

- Certification Type: HBOd
 - Zone 1 - 2
 - Conforming to ATEX 94/9/CE: ⊕ II 2 G
 - Type of Protection: Ex d IIB
 - Temperature Class: Incandescent: T4, Compact Fluorescent: T6
 - Zone 21 - 22
 - Conforming to ATEX 94/9/CE: ⊕ II 2 D
 - Type of Protection: Ex tD A21
 - Surface Temperature: Incandescent: T119 °C (T246 °F), Compact Fluorescent: T76 °C (T169 °F)
- Ambient Temperature: -20 °C to +40 °C (-4 °F to +104 °F)
- CE Declaration of Conformity: 50234
- ATEX Certificate: LCIE 02 ATEX 6162
- IECEx Certificate: LCIE Ex 0.3013
- Index of Protection according EN/IEC 60529: IP66
- Impact Resistance (shock): IK08
- Internal Volume: ≤ 2 dm³ (122 in³) – 2 liters

EURASEC Certification

- EURASEC N° TC RU C-FR.Г505.B.00912

Other Certification

- INMETRO Certificate: BVC11.0597 ⊕



Compact Fluorescent
Painted Glass Version

VISUAL SIGNAL: ATEX/IECEX FLAMEPROOF

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⊕ Inmetro certification available on special request only. Contact your local sales representative for more information.

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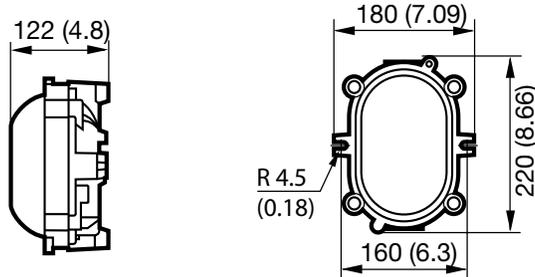
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Color (Painted Glass)	Weight kg (lb)	Volume dm ³ (in ³)	Catalog Number
7 W to 15 W Compact Fluorescent or up to 60 W Incandescent			
Red	3 (6.61)	9 (549.21)	SBDOSR
Green	3 (6.61)	9 (549.21)	SBDOSG

Accessories and Replacement Parts

Description	Catalog Number
Zinc Plated Steel Protective Guard	HBDOPGZ
Terminal block for through wiring 2 x 2.5 mm ² (0.003 x 0.004 in ²) with high temperature sleeve	094784

Dimensions in Millimeters (Inches)



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