

SBDO Series Signaling and Lighting Bulkheads

Flameproof. Compact Fluorescent, Incandescent

Zone 1 and 2 - 21 and 22
Gas (G) and Dust (D)

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.
- Internal earth two terminals 2.5 mm², external earth 1 x 4 mm².
- 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

Certifications and Compliances

◆ ATEX/IECEx Certification

- **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,
 - Compact Fluorescent: T76 °C
 - Ambient Temperature: -20 °C to +40 °C
 - CE Declaration of Conformity: 50234
 - ATEX Certificate: LCIE 02 ATEX 6162
 - IECEx Certificate: IECEx LCI Ex 12.0006
 - Index of Protection according EN/IEC 60529: IP66
 - Impact Resistance (shock): IK08
 - Internal Volume: ≤ 2 dm³ – 2 liters

◆ EURASEC Certification

- EURASEC N° TC RU C-FR.r505.B.00912

◆ Others Certification

- INMETRO Certificate: BVC11.0597 ^①



Compact Fluorescent
Painted Glass Version

^① Inmetro certification available on special request only. Contact your local sales for more information

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Color (Painted Glass)	Weight kg	Volume dm ³	Catalog Number
7 W to 15 W Compact Fluorescent or up to 60 W Incandescent			
Red	3	9	SBDOSR
Green	3	9	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 with high temperature sleeve	094784

Dimensions in Millimeters (Inches)

