ComEx Lamp module with terminals for rail-mounted installation

- One module for all fields of application
- Illumination 180°
- High flexibility thanks to the junction box
- Easy installation
- High IP protection type

The ComEx lamp module signals command modes by means of a light signal. It is suitable for use in almost all potentially explosive areas in which the functional status of machinery needs to be visibly displayed. The lamp modules are executed according to the requirements of type of protection “e increased safety” and “d flameproof enclosure”. The lamp module can be combined with various lamp module actuators. A junction box is provided for the safe and convenient installation of the module in a control panel. Conductors are connected using terminals with increased safety on the back of the module. The simple installation of the lamp module actuators, without the use of tools, guarantees the high IP protection type.

Explosion protection

Marking ATEX

\[\text{II 2G Ex db eb IIC Gb} \]
\[\text{I M2 Ex db eb I Mb} \]

Certification

CML 17 ATEX 1106 U

Marking IECEx

Ex db eb IIC Gb
Ex db eb I Mb

Certification

IECEx CML 17.0046U

Other approvals and certificates, see www.bartec.de

Ambient temperature

\[-55 °C \text{ to } +50 °C\]
\[+60 °C \text{ (AC/DC 12 V to 24 V)} \]

Technical data

Protection class determined by the actuating element and ComEx enclosure, min. IP 66, terminals IP 20

Rated insulation voltage 300 V

Rated operating voltage

\[\text{AC 12 V to 250 V} \quad (\text{T} \leq +50 °C) \]
\[\text{DC 12 V to 60 V} \quad (\text{T} \leq +50 °C) \]
\[\text{AC/DC 12 V to 24 V} \quad (\text{T} \leq +60 °C) \]

Power consumption \( \leq 1 \text{ W} \)

Illumination very bright, visible angle over 180°

Enclosure material thermoplastic

Connection terminals 2.5 mm², fine stranded

Electrical life >10⁵ running hours

Storage and transport temperature \[-55 °C \text{ to } +70 °C\]

Weight approx. 90 g

Mounting on mounting rail NS 35 x 7.5

Shock resistance DIN EN/IEC 60068-2-27; 30 g 18 ms

Ordering information


X1

- red 1 red 3
- green 2 green 4
- yellow 3 yellow 5
- white 4 white 6
- blue 5 blue 7

Complete order no.

Lamp module without actuating element 07-3351-11 0

Actuating element

- Standard 05-0003-001 00
- Increased oil resistance 05-0003-001 00BN

Please enter code number. Technical data subject to change without notice.