ComEx Lamp module with terminals for rail-mounted installation

Features

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

Description

The ComEx lamp module signals command statuses by illuminating or extinguishing 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 tools guarantees the high IP protection type.

Explosion protection

Ex protection type

ATEX II 2G Ex de IIC Gb
I M2 Ex de I Mb

Certification
PTB 97 ATEX 1064 U

IECEx Ex de IIC Gb
Ex de I Mb

Certification
IECEx PTB 10.0014U

Further approvals
UL, NEPSI, GOST, KTL, INMETRO, DNV, CSA

Other approvals and certificates,
see www.bartec-group.com

Ambient temperature
-55 °C to +50 °C
+60 °C (AC/DC 12 V to 24 V)

BARTEC

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
AC 12 V to 250 V ($T_a \leq$ +50 °C)
DC 12 V to 60 V ($T_a \leq$ +50 °C)
AC/DC 12 V to 24 V ($T_a \leq$ +60 °C)

Power consumption
$\leq$ 1 W

Lamp
LED
red, green, yellow, white, blue

Illumination
very bright, over a visible angle of 180°

Enclosure material
Thermoplastic

Connection
Terminals 2.5 mm², fine stranded

Electrical life
>10^5 running hours

Storage and transport temperature
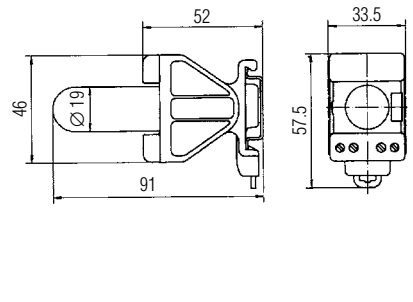-55 °C to +70 °C

Weight
approx. 90 g

Mounting
on mounting rail TS 35 x 7.5

Shock resistance
DIN EN 60068-2-27: 30 g 18 ms

Dimensions

52   33.5
46   Ø 19   57.5
91

Selection chart

Wiring diagram	Colour LED	Code no.	Colour actuator	Code no.
X1 ⊗ X2	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.

* Product printing standard: ATEX and IECEx marking.
Other markings on request. Please specify in plain text.