ComEx Illuminated button with terminals for rail-mounted installation

- One module for all fields of application
- Excellent illumination
- Easy installation
- High IP protection type

The ComEx illuminated button 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 illuminated buttons are executed according to the requirements of type of protection “e increased safety” and “d flameproof enclosure”. The illuminated button can be combined with various lamp module actuators. Each illuminated button actuator is inserted in a mounting hole on a control console or control panel. The respective illuminated button is designed for installation onto a mounting rail. The conductor is connected using terminals with increased safety on the back of the module. The simple installation of the illuminated button actuators, without the use of tools, guarantees the high IP protection type.

Explosion protection
Marking ATEX
II 2G Ex db eb IIC Gb
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 to +50 °C
+60 °C (AC/DC 12 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
AC 12 V to 250 V (T ≤ +50 °C)
DC 12 V to 60 V (T ≤ +50 °C)
AC/DC 12 V to 24 V (T ≤ +60 °C)
Power consumption
≤ 1 W
Lamp
LED: red, green, yellow, white, blue
Illumination
very bright, visible angle over 180°
Contacts
1 NC or 1 NO as snap switch element
Switching capacity
AC-15 1 A/230 V
DC-13 0.25 A/24 V
Enclosure material
thermoplastic
Type of connection
terminals 2.5 mm², fine stranded
Service life
>10⁷ running hours
Mechanical life
>10⁶ switching cycles
Storage and transport temperature
-55 °C to +70 °C
Weight
approx. 110 g
Fastening
onto mounting rail TS 35 x 7.5
Shock resistance
DIN EN/IEC 60068-2-27, 30 g, 18 ms

Ordering information
Type of contact	Code no. Colour LED	Code no. Colour LED	Code no. Colour LED
1 NC	7	red	1	red	5
green	2
green	6
yellow	3
yellow	7
1 NO	8	white	4	white	8
blue	5
blue	9

Complete order no.
Illuminated button without actuating element 07-3361-1
Actuating element Standard 05-0003-006
Increased oil resistance 05-0003-006 00BN

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