



Illuminated button

with connection cable for installation on panel (front installation)

BARTEC



Features

- High service life
- Brilliant colours
- One-hand fastening

Description

As completely certified equipment, BARTEC modules with connection cable can be directly installed in industrial control cabinets in hazardous areas. A high IP degree of protection can be maintained due to easy installation of the actuating elements in the control cabinet. The respective modules can be single-handedly installed to the actuating elements.

Explosion protection

Ex protection type

Ex II 2G Ex d IIC T6

Class I, Division 2, Groups A, B, C, D

Class I, Zone 1, AEx d IIC, Ex d IIC

Class I, Division 2, Groups A, B, C, D

for Canada

Class I, Zone 1, Ex de IIC for Canada

Certification

PTB 97 ATEX 1065 X

UL E184198

INMETRO 2004 EC02 P006 X

Ambient temperature

-40 °C to +50 °C

-55 °C on request

Technical data

Protection class

determined by actuating element and enclosure. Switch module up to IP 67 in conjunction with actuating element. PTB 00 ATEX 3114 U.

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

≤ 1 W

Lamp

LED: red, green, yellow, white, blue

Illumination

very bright, over a visible angle of 180°

Contact element

Rated voltage	
230 V	24 V
Utilization category	
AC-15	DC-13
Rated operation currents	
1 A	0.25 A

Contacts

1 NC or 1 NO as snap switch element

Enclosure material

Thermoplastic

Connection

flexible cable 4 x 0.75 mm² (Ø 7.2 mm)

Electrical life

>10⁵ running hours

Mechanical life

>10⁵ switching cycles

Storage temperature

-55 °C to +70 °C

Weight

approx. 200 g without cable

Cable length

3 m, indicate greater lengths in plain text

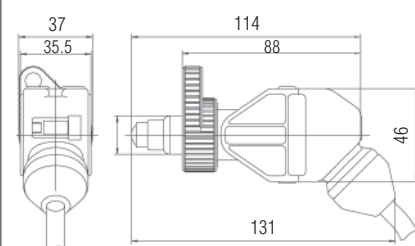
Mounting

locked, by bayonet lock

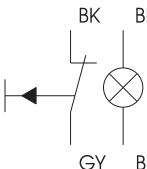
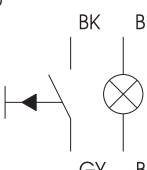
Shock resistance

DIN EN 60068-2-27: 1995, 30 g 18 ms

Dimensions



Selection chart

Type of contact	Code no.	Colour LED	Code no.	Colour actuator	Code no.
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 **07-3363-3**  **3**^{*)}

Actuating element Standard

05-0003-006  **00**

Increased oil resistance

05-0003-006  **00BN**

Please enter code number.

^{*)} Standard length 3 m, indicate greater lengths in plain text.

Note

The connection cable for illuminated buttons must be installed in a way which ensures that no capacitive influence (voltage transmission) is possible through lines routed in parallel.