

# EX - INSTALLATION SWITCH

**16 A, 250 V**  
**Plastic version for Zone 1 and Zone 21**

The explosion-protected installation switches are for use in the Zones 1, 2, 21 and 22. The materials used have proved to be safe and reliable for both indoor and outdoor installations, in particular in chemical and off-shore plants. The robust housings are made of a modified polyamide material.

The large actuator surface of the installation switch allows perfect operation, even when wearing working gloves. A protective collar prevents inadvertent operation. The toggle has a luminescent label which is in accordance with §7 of the Workshop Regulations and is also free from radioactive additives. Due to the external fixing facility, the switch can be installed easily while the cover is closed. Cable entry from the top is made possible by turning the base. In special cases a through wiring is possible as one can see on the illustration opposite.

**International approvals.**

- Large toggle also for working gloves
- Safety standard IP66
- Cable entry from the top or bottom
- Connecting terminals easily accessible




**Switch/Pushbutton**
**4**

## Technical data

### Ex-installation switch and Ex-pushbuttons

Marking accd. to 94/9/EC	Ex II 2 G Ex de IIC T6 / Ex II 2 D Ex tD A21 IP66 T80 °C
EC-Type Examination Certificate	PTB 98 ATEX 3121
IECEX Certificate of Conformity	IECEX BKI 07.0036
Marking accd. to IECEx	Ex ed IIC T6 Ex tD A21 IP66 T67 °C
Permissible ambient temperature	-20 °C up to +40 °C -55 °C up to +55 °C (option)
Rated voltage	250 V, 50 - 60 Hz
Rated current	16 A
Connecting terminals	Switch terminals: 2 x 2.5 mm <sup>2</sup> / PE-terminals: 4 x 2.5 mm <sup>2</sup>
Degree of protection accd. to EN 60529	IP66
Cable glands <sup>1)</sup>	Ex e cable glands max. 2 x M25; 2 x M20 thread
Weight	0.32 kg
Enclosure material	Polyamide

## Ordering details

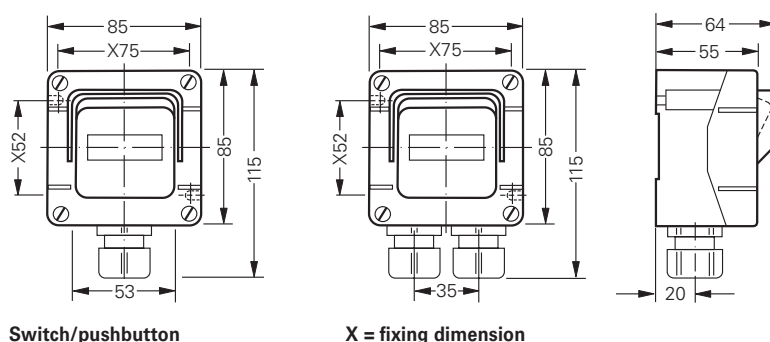
Type	Circuit	Cable glands <sup>1)</sup>	Order No.
ON-OFF switch 2-pole		1 x M25 2 x M25 2 x M20 <sup>2)</sup>	GHG 273 2000 R0017 GHG 273 2000 R0018 GHG 273 2000 R0003
-55 °C up to +55 °C		1 x M25	GHG 273 2000 R0022
Change-over switch		1 x M25 2 x M20 <sup>2)</sup> 2 x M25 2 x M25	GHG 273 6000 R0011 GHG 273 6000 R0003 GHG 273 6000 R0014 GHG 273 2000 R9017
Pushbutton		1 x M25 2 x M25 1 x M25	GHG 273 4000 R0004 GHG 273 4000 R0007 GHG 273 2000 R0010
-55 °C up to +55 °C			

<sup>1)</sup> Base enclosure can be rotated after wards (entry from top or down)

<sup>2)</sup> Threaded only

Other versions available on request

## Dimension drawing



Dimensions in mm