

ComEx[flex] Switch module

Features

- One module for all fields of application
- Large selection of actuating elements
- High flexibility thanks to the junction box
- Low installation depth

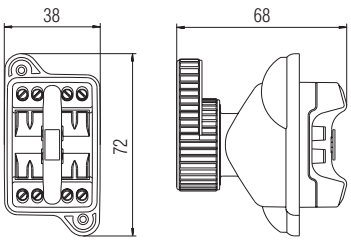
Description

The ComEx[flex] switch module is used in almost all hazardous areas where machine functions are activated by means of a button or a switch.

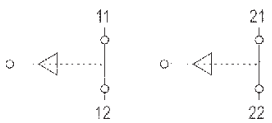
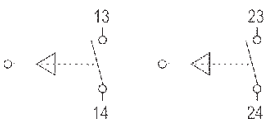
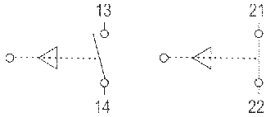
The ComEx[flex] is flexible and in addition to a large number of actuating elements it offers a junction box to facilitate a safe and convenient installation of the module into a control panel. All contacts in the switch modules are self-cleaning and the opening contacts have positive opening operation.

The conductors are connected by means of terminals on the back of the module which have an increased safety level. The easy installation of the actuating elements without tools ensures conformance to the high IP degree of protection.

Dimensions



Selection chart

Type of contact		Code no.
2 N/C		1
2 N/O		2
1 N/C + 1 N/O		4

Complete order no.

Switch module without actuating element — **07-3323-4 ☐ 00**

Please enter code number.

ComEx[flex] Switch module

Explosion protection

Ex protection type	Ⓔx II 2G Ex de IIC Gb Ⓔx I M2 Ex de I Mb
Certification	PTB 99 ATEX 1043 U IECEx PTB 07.0046 U
Ambient temperature	-55 °C to +60 °C

Technical Data

Protection class	determined by the actuating element and control station enclosure, terminals IP 20 (IEC 60529).
Rated insulation voltage	690 V

Rated operating voltage			
400 V	400 V	110 V	24 V
Utilization category			
AC-12	AC-15	DC-13	DC-13
Rated operating currents			
16 A	10 A	0,5 A	1 A

Conventional thermal current I_{the}	16 A/+40 °C, 11 A/+60 °C
Contact options	contacts with positive-break operation (self-cleaning) 1 N/C and 1 N/O or 2 N/C or 2 N/O
Contact material	$AgSnO_2$
Enclosure material	thermoplastic
Connection	terminals 2.5 mm², fine-stranded
Mechanical life	>10^6 switching cycles
Storage temperature	-55 °C to +70 °C
Weight	approx. 110 g
Mounting	locked, bayonet lock
Shock resistance	DIN EN 60068-2-27: 2010, 30 g 18 ms

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