

ComEx Control switch module

for railmounted installation



The ComEx Control switch module can be used in almost all potentially explosive areas, where machine functions need to be triggered by a button or a switch. ComEx Control switch modules are flexible in use and can be combined with a variety of Control and signal device actuators 07-3400-*.

All contacts of the ComEx Control switch module are self-cleaning, and the NC contacts feature positive opening. The connecting cable is connected to the ComEx switch module via screw terminals. The ComEx Control switch modules offer the option of simple and fast mounting on a railmounted installation. The ComEx Control switch modules are developed and certified for globally market.

- Easy installation
- Certified for zone 1 and 21
- Operating temperature
-55 °C to +85 °C (-67 °F to +185 °F)

Explosion protection

Notified Body Number	CE 0044
Approved Body Number	2503
ATEX/UKEX Ex protection type	II 2G Ex db eb IIC Gb I M2 Ex db eb I Mb
ATEX/UKEX certificate number	CML 22 ATEX 1135 U CML 22 UKEX 1136 U
IECEX Ex protection type	Ex db eb IIC Gb Ex db eb I Mb
IECEX certificate number	IECEX CML 22.0014 U
CEC (UL Mark)	Ex db eb IIC Gb Class I, Division 2, Groups A, B, C, D
NEC (UL Mark)	Class I, Zone 1, AEx db eb IIC Gb Class I, Division 2, Groups A, B, C, D
UL certificate number	UL E184198
Service temperature	-55 °C to +85 °C (-67 °F to +185 °F)

For further approvals and certificates, see bartec.com

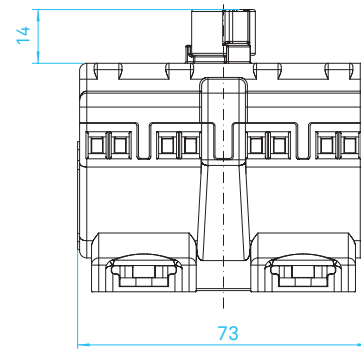
Technical data

Max. ambient temperature only with protection by flameproof enclosure "d"	+85 °C (+185 °F)
Degree of protection	IP20 acc. to EN 60529
Approved for zone	1 and 2
Storage/transport temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Connection	0.75 mm ² - 4 mm ² /18 AWG - 12 AWG
Contact material	AgSnO ₂
Enclosure material	Thermoplastic
Installation	Railmounted (latched on mounting rail NS 35 x 7.5)
Switch function	max. 4 switch contacts different NC/NO contact assemblies contacts with positive break operation (self-cleaning)
Contacts	Contacts with positive break operation (self-cleaning)
Installation possibilities	Double and triple ComEx enclosures
Rated voltage	690 V 400 V 400 V 400 V 230 V 110 V 60 V
Utilisation category	AC 23 AC 3 AC 12 AC-15 AC-15 DC-13 DC-13
Rated operating currents	25 A 20 A 16 A 10 A 16 A 1 A 2 A
Rated insulation voltage	U _i = 690 V U _e = 690 V
Rated impulse strength	U _{imp} = 6 kV
Conditional rated short-circuit current	I _e 2 kA at 690 V
Short-circuit current (max. back-up fuse l.v.h.b.c)	max. 25 A
Nominal thermal current	+40 °C (+104 °F) I _{the} = 25 A +60 °C (+140 °F) I _{the} = 11 A When considering the utilisation category, pay attention to the service temperature.
Min. rated operating current	10 mA / 24 V
Shock resistance	DIN EN 60068-2-27:30 g 18 ms
Weight	Approx. 173 g (0,38 lb)

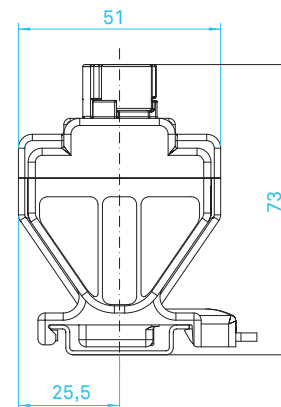
Dimensions in mm

ComEx Control switch module 4-pole for
railmounted 07-3332-*

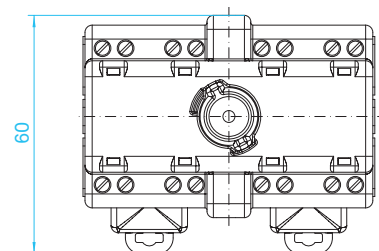
Front view →



Side view →



Plan view →



Contact Arrangements in Control switch module

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Contact Arrangements in Switch Isolator

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