



- For Zone 1 and 2, 21 and 22
- Positive break operation
- Latched and momentary-contact positions
- Easy installation
- Customer-specific solutions

This control switch has been designed to solve the variety of problems encountered in chemical and petrochemical plants and on explosion-proofed electrical machinery in zones 1 and 2 and in Zone 21 and 22. Four switch contacts as opening and closing elements in different permutations permit a variety of functions. The opener has a positive break operation. The switch actuator offers latched and momentary-contact positions with different switch positions. The control switch is supplied in double or triple ComEx enclosures, or in combination with other command devices, in control units. The actuating element can be locked with up to max. 3 padlocks.

Explosion protection

Marking ATEX	Ⓜ II 2G Ex d e IIC T6 Gb Ⓜ II 2G Ex d e ia IIC T6 Gb Ⓜ II 2G Ex tb IIIC T80°C Db
Certification	CML 14 ATEX 3073 X
Marking IECEx	Ex db eb IIC T6 Gb Ex db eb ia IIC T6 Gb Ex tb IIIC T80°C Db
Certification	IECEx CML 14.0029X
Other approvals and certificates, see www.bartec-group.com	
Ambient temperature	up to $-55\text{ °C} \leq T_a \leq +60\text{ °C}$ (-20 °C to $+60\text{ °C}$ for Zone 21 and 22)
Product printing	Standard: ATEX and IECEx marking. Other markings on request. Please specify in plain text.

Technical data

Connection	Terminals 2.5 mm ²
Conductor terminals	4 x 2.5 mm ²
Rated insulation voltage	max. AC 690 V
Rated current	max. 16 A
Cable entry	Standard version: M20 x 1.5 for cables with Ø 7 to 13 mm Special version: M25 x 1.5 for cables with Ø 7 to 12 mm M25 x 1.5 for cables with Ø 10 to 17 mm
Enclosure material	thermoplastic
Protection class	IP 66/IP 67
Contact material	AgSnO ₂
Switching function	4 switch contacts NC/NO in different switch permutations Latching and momentary-contact functions with different switch positions
Contacts	contacts with positive break operation (self-cleaning)
Switch isolator (main motor switch)	DIN EN 60947-3 P/AC-3/AC-23 A AC-3 AC-23 230 V3 3 ph/3 kW 1ph/2.2 kW 400 V3 3 ph/5.5 kW 1ph/3 kW $I_e = \text{AC-23/400 V/10 A}$
Control switch according to DIN EN 60947-5-1 (auxiliary circuit switch)	AC-15 400 V 10 A AC-12 400 V 16 A DC-13 24 V 1 A

Electrical data

Rated insulation voltage	$U_i = 690\text{ V}$ $U_e = 400\text{ V}$
Rated impulse strength	$U_{imp} = 6\text{ kV}$
Conditional rated short/circuit current at 400 V	$I_e = 4\text{ kA}$
Short circuit current (general-purpose l.v.h.b.c. back-up fuse for the protection of cables and circuits)	max. 16 A
Nominal thermal current	(+40 °C) $I_{the} = 16\text{ A}$ (+60 °C) $I_{the} = 11\text{ A}$
Dimensions	See dimensions for complete device

Selection chart

Labelling	Code no.	Labelling	Code no.	Switching arrangement of control switch	Code no.	Switching arrangement of control switch	Code no.
0 - I	01	SENKEN - HEBEN	14		A01		C06
I - II	02	REMOTE - LOCAL	15				
I - 0 - II	03	AUS - BETRIEB - EIN	16		A02		C07
0 - I - II	04	AUS - 0 - EIN	17				
0 - I - II - III	05	AUF - 0 - AB	18		A03		E06
0 - I - II - III - IV	06	OUT - OFF - HAND	19				
AUS - EIN	07	LOCAL - REMOTE - AUTO	20		A04		E09
OFF - ON	08	STOP - 0 - START	21				
HAND - 0 - AUTO	09	AUS - AUTO - EIN	22		H05		L01
HAND - 0 - AUTO - EIN	10	OFF - AUTO - ON	23				
HAND - BETRIEB - I	11	0 - IN - START	24	Other variants available.		Switching arrangement for switch isolator	
STOP - START	12	ENTRIEGELT - VERRIEGELT	25				N01
HAND - AUTO	13						N02

Complete order no.

Control unit, double 07-3512-10G

Please enter code numbers.

Control unit, triple 07-3513-10G

Labelling position selector

Switching arrangement

Switch module or indicator light

Other labellings and switching arrangements on request.

In principle, there are 3 bore holes at the protective shroud for padlocks. Where no further information is given on the end position, bore holes are drilled in the position 0 (I) or as requested.