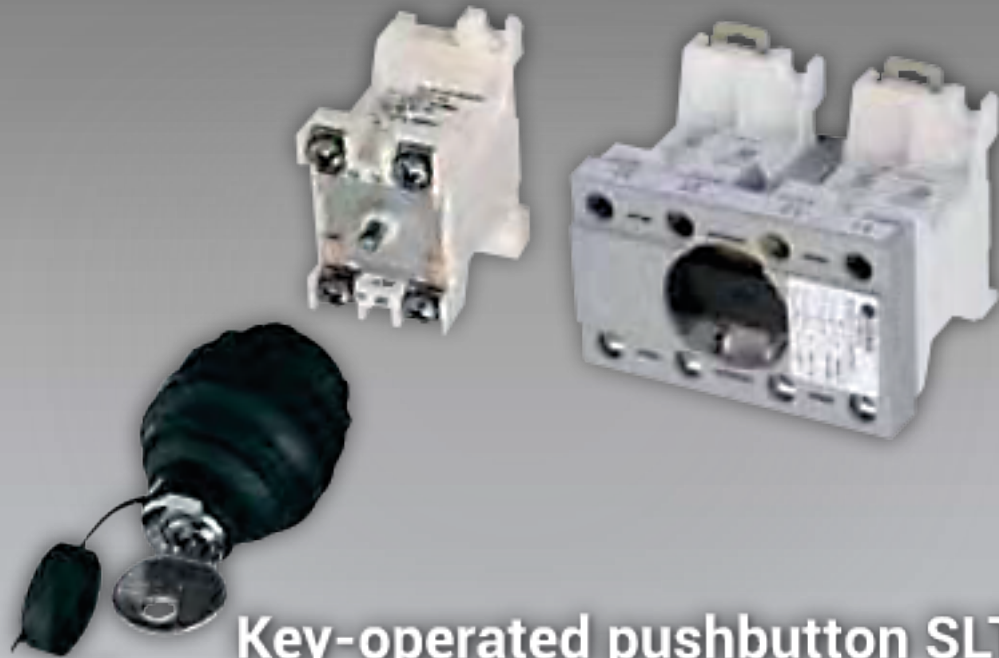




Plant Products

Connecting Business



Key-operated pushbutton SLT
and key-operated switch SLS



Control Stations

Built-in components - key-operated pushbutton



SLT 1 x 2-pole



SLT 1 x 4-pole

Technical data

Ex-key-operated pushbutton SLT	
Marking accd. to 2014/34/EU	⊕ II 2 G Ex de IIC/IIB Gb / ⊕ I M2 Ex de I Mb
EC-Type Examination Certificate	IBExU 14 ATEX 1030 U
IECEX Certificate of Conformity	IECEX IBE 14.0005U
Marking accd. to IECEx	Ex de IIC Gb / Ex de IIB Gb / Ex de I Mb
Operating temperature range	-45 °C up to +80 °C (IIC) / -60 °C up to +80 °C (IIB)
Application temperature ¹⁾	-45 °C up to +55 °C (IIC) / -60 °C up to +55 °C (IIB)
Rated voltage	500 V AC
Rated current	16 A
Rated current with gold contact points	0.4 A
Rated making-/rated breaking capacity accd. EN 60947-5-1	AC-15: U _b 250 V / I _b 6 A / U _b 500 V / I _b 4 A DC-13: U _b 24 V / I _b 6 A / U _b 220 V / I _b 1 A
Degree of protection accd. to EN 60529	IP66 (installed condition)
Type of mounting	DIN rail mounting
Enclosure colour	grey
Gasket material	Neoprene (standard), Fluoric Silicone or Viton on request
Latch point	CEAG 1 (others on request)
2-pole version	
Connecting terminals	2 x 2.5 mm ²
Dimensions (L x W x H)	59 x 31 x 45 mm
Weight	0.15 kg
4-pole version ¹⁾	
Connecting terminals	4 x 2.5 mm ²
Dimensions (L x W x H)	59 x 73 x 45 mm
Weight	0.35 kg

¹⁾ The limits of the operating temperature range and the max. permissible temperature rise of the components have to be taken into account. See also pages 2.4.34/35.

²⁾ The 4-pole pushbutton needs two mounting areas. The actuator will be in the middle of the two mounting areas.

Ordering code for component (Code 2)

Content	Circuit	Code	Ordering code				
			A	B	C	D1	D2

Key-operated pushbutton with silver contact points

Version with contact function: lockable/removable/lockable/removable (Code 10)

2 NC	2 NC	13	SLT	0	13	10	---
2 NO	2 NO	14	SLT	0	14	10	---
1 NO + 1 NC	1 NO + 1 NC	15	SLT	0	15	10	---
2 NO + 2 NC	2 NO + 2 NC	22	SLT	0	22	10	---
4 NC	4 NC	20	SLT	0	20	10	---
4 NO	4 NO	24	SLT	0	24	10	---
3 NO + 1 NC	3 NO + 1 NC	21	SLT	0	21	10	---
1 NO + 3 NC	1 NO + 3 NC	23	SLT	0	23	10	---

Key-operated pushbutton with gold contact points

Version with contact function: lockable/removable/lockable/removable (Code 10)

2 NO + 2 NC	2 NO + 2 NC	27	SLT	0	27	10	001
4 NC	4 NC	25	SLT	0	25	10	001
4 NO	4 NO	29	SLT	0	29	10	001
3 NO + 1 NC	3 NO + 1 NC	26	SLT	0	26	10	001
1 NO + 3 NC	1 NO + 3 NC	28	SLT	0	28	10	001

Built-in components key-operated pushbutton



Ordering code for component (Code 2)

Code	Component	Code				
A	Key-operated pushbutton	SLT				
Code	Circuit	Contacts	Code	Code		
			silver contact points	gold contact points		
C	2 NC		13	16		
	2 NO		14	17		
	1 NO + 1 NC		15	18		
	4 NC		20	25		
	1 NC + 3 NO		21	26		
	2 NC + 2 NO		22	27		
	3 NC + 1 NO		23	28		
	4 NO		24	29		
Code	Function	Pushbutton not pressed	Key	Pushbutton pressed	Key	Code
D		lockable	removable	lockable	removable	10
		lockable	removable	lockable	not removable	11
		lockable	removable	not lockable	not removable	12
		lockable	not removable	lockable	removable	13
		not lockable	not removable	lockable	removable	14
		not lockable	removable	auto lockable	removable	15

Built-in components - key-operated switch



SLS 1 x 2-pole



SLS 1 x 4-pole

Technical data

Key-operated switch SLS	
Marking accd. to 2014/34/EU	⊕ II 2 G Ex de IIC/IIB Gb / ⊕ I M2 Ex de I Mb
EC-Type Examination Certificate	IBExU 14 ATEX 1030 U
IECEX Certificate of Conformity	IECEX IBE 14.0005U
Marking accd. to IECEx	Ex de IIC Gb Ex de IIB Gb Ex de I Mb
Operating temperature range	-45 °C up to +80 °C (IIC) -60 °C up to +80 °C (IIB)
Application temperature ¹⁾	-45 °C up to +55 °C (IIC) -60 °C up to +55 °C (IIB)
Rated voltage	500 V AC
Rated current	16 A
Rated current with gold contact points	0.4 A
Rated making-/rated breaking capacity accd. EN 60947-5-1	AC-15: U _e 250 V / I _e 6 A U _e 500 V / I _e 4 A DC-13: U _e 24 V / I _e 6 A U _e 60 V / I _e 0.8 A U _e 110 V / I _e 0.5 A
Switching system	engaging – engaging – engaging
Degree of protection accd. to EN 60529	IP66 (installed condition)
Type of mounting	DIN rail mounting
Enclosure colour	grey
Latch point	CEAG 1 (others on request)

2-pole version

Connecting terminals	2 x 2.5 mm ²
Dimensions (L x W x H)	59 x 31 x 45 mm
Weight	0.15 kg

4-pole version¹⁾

Connecting terminals	4 x 2.5 mm ²
Dimensions (L x W x H)	59 x 73 x 45 mm
Weight	0.35 kg

¹⁾ The limits of the operating temperature range and the max. permissible temperature rise of the components have to be taken into account. See also pages 2.4.34/35.

²⁾ The 4-pole pushbutton needs two mounting areas. The actuator will be in the middle of the two mounting areas.

Built-in components -key-operated switch



SLS 1 x 4-pole



SLS 1 x 2-pole

Ordering code for component (Code 2)

Code	Component		Code	
A	Key-switch		SLS	
Code	Circuit	Contacts	Code silver contact points	Code gold contact points
2 NO			04	14
2 NO			18	18
4 NO			29	25
2 NC + 2 NO			26	26
4 NO			27	27

Code	Contact label	Inscription	Code
D	I 0 II		01
	Fern 0 Ort		02
	Hand 0 Auto		03

Example for ordering code (Code 2)

Contact system	Ordering code		
	A	C	D
Key switch with silver contact points and label „I 0 II			
04	SLS 5	04	01
05	SLS 5	05	01

Contact

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