
SGTE 1 x 2-pole


SGTE 1 x 4-pole


SGT 1 x 2-pole


SGT 1 x 4-pole

4 Technical data

	Ex-mushroom-head pushbutton (emergency stop „SGTE“ and normal version „SGT“)
Marking accd. to 2014/34/EU	Ⓔx II 2 G Ex de IIC/IIB Gb / Ⓔx 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 220 V / I_e 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

	2-pole version
Connecting terminals	2 x 2.5 mm²
Dimensions (L x W x H)	59 x 31 x 45 mm
Weight	0.15 kg

	4-pole version
Connecting terminals	4 x 2.5 mm²
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.
The pushbutton „Emergency Stop“ will be equipped with a black plate in the centre of the pushbutton actuator.



SGT 1 x 4-pole



SGT 1 x 2-pole



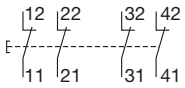
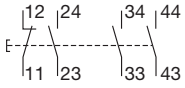
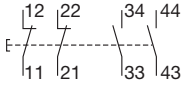
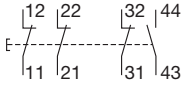
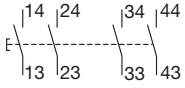
SGTE 1 x 4-pole



SGTE 1 x 2-pole

Ordering code for component (Code 2)

Code	Component	Code
A	Mushroom-head pushbutton	**SGT**
	Mushroom-head pushbutton (emergency stop)	**SGTE**

Code	Circuit	Contacts	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


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SGT 1 x 2-pole


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4

Ordering code for component (Code 2)

Code	Label	Inscription	Code	Inscription	Code
D		emergency stop (German - Englisch)[1]	1	0	002
		emergency stop (German - French)[1]	4	I I	004
		0, I, START, STOP	01	STOP	006
		0	02	emergency stop	008
		I	03	SCHNELL	010
		I I	04	_	012
		☼	05	MARCHE	015
		STOP	06	AB	017
		START	07	Neutral green	019
		LANGSAM	09	UP	024
		SCHNELL	10	ZU	026
		_	12	OFF	028
		ARRET	14	-	031
		MARCHE	15	Neutral yellow	034
		0, I, Arret, Marche	20	AUS	037
		UP	24	HAND	050
		DOWN	25	HEBEN	052
		ZU	26	RECHTS	054
		ON	27	SLOW	056
		OFF	28	OPEN	058
		+	**30**		
		-	**31**		

Code	Mushroom head inscription	Colour	Code
E		red	1
		yellow[2]	2
		black[2]	3

pushbutton

Code	Function	released	engaged	unlocking	Code
F		not lockable	not lockable	n/a (pushbutton function)	1[2]
		not lockable	lockable	hand released	2
		not lockable	lockable	key released	3

1) only SGTE

2) only SGT



SGT 1 x 4-pole



SGT 1 x 2-pole



SGTE 1 x 4-pole



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Ordering code for component (Code 2)

Circuit	Ordering code				
	A	C	D	E	F
EMERGENCY STOP mushroom-head pushbutton red, with silver contact points Version with inscription D/E, hand released					
2 NC	SGTE 0	13	1	1	2
2 NO	SGTE 0	14	1	1	2
1 NO + 1 NC	SGTE 0	15	1	1	2
2 NO + 2 NC	SGTE 0	22	1	1	2
4 NC	SGTE 0	20	1	1	2
4 NO	SGTE 0	24	1	1	2
3 NO + 1 NC	SGTE 0	21	1	1	2
1 NO + 3 NC	SGTE 0	23	1	1	2
Mushroom-head pushbutton with silver contact points, without locking, mushroom head, black Version with standard label (0, I, START, STOP)					
2 NC	SGT 0	13	01	3	1
2 NO	SGT 0	14	01	3	1
1 NO + 1 NC	SGT 0	15	01	3	1
2 NO + 2 NC	SGT 0	22	01	3	1
4 NC	SGT 0	20	01	3	1
4 NO	SGT 0	24	01	3	1
3 NO + 1 NC	SGT 0	21	01	3	1
1 NO + 3 NC	SGT 0	23	01	3	1