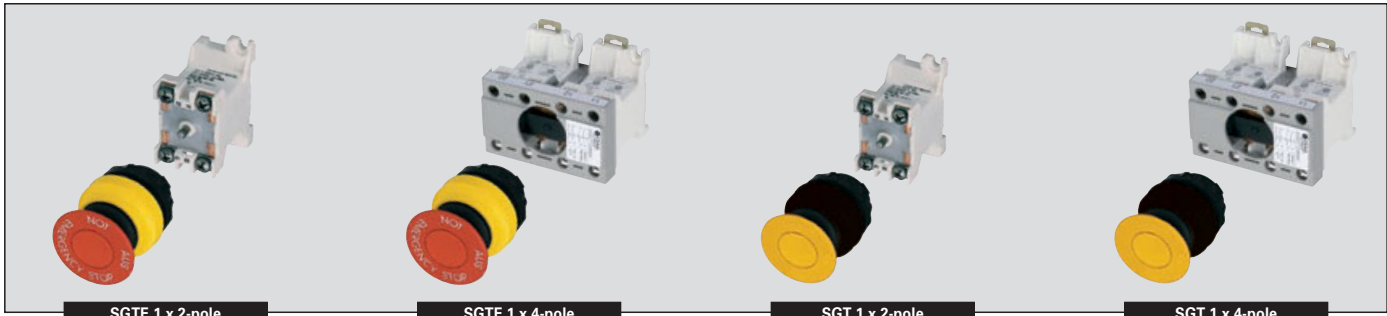


■ Built-in components ■



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 94/9/EC	Ⓔ 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 _g 250 V / I _g 6 A U _g 500 V / I _g 4 A DC-13: U _g 24 V / I _g 6 A U _g 220 V / I _g 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 mm ²
Dimensions (L x W x H)	59 x 31 x 45 mm
Weight	0.15 kg

4-pole version

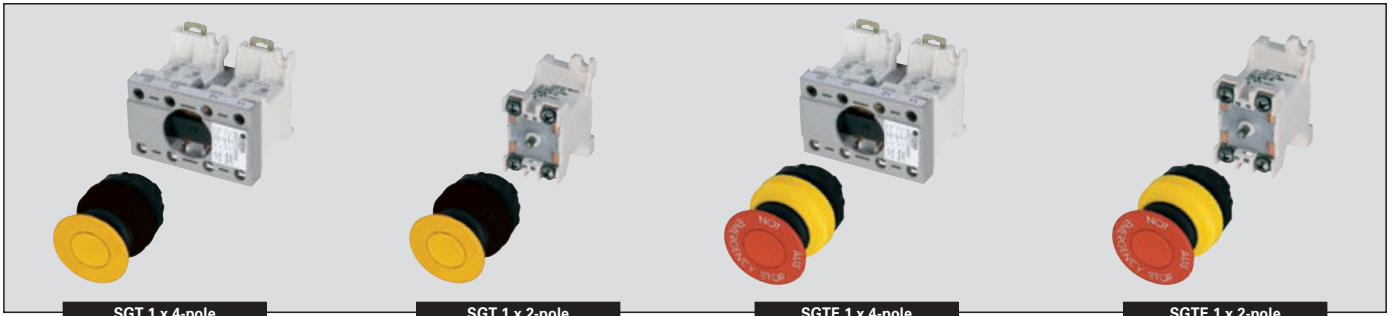
Connecting terminals	4 x 2.5 mm ²
Dimensions (L x W x H)	59 x 73 x 45 mm
Weight	0.35 kg

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.

The pushbutton „Emergency Stop” will be equipped with a black plate in the centre of the pushbutton actuator.

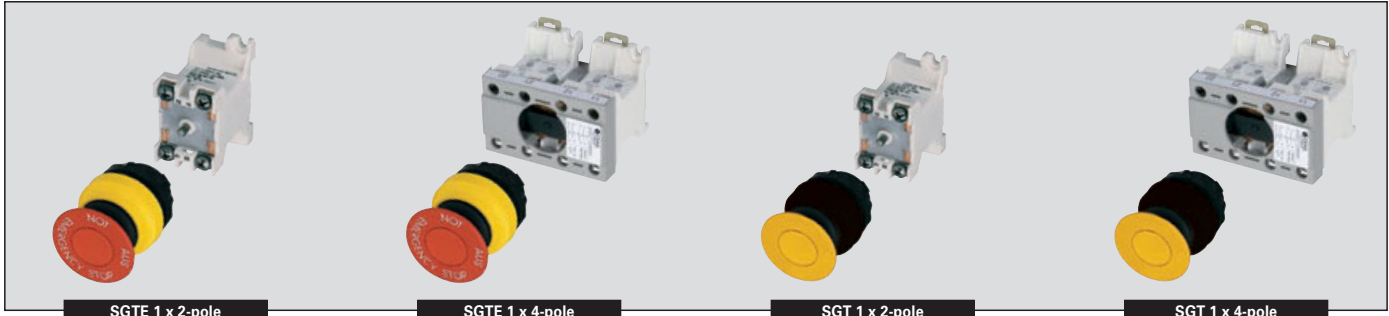


Ordering code for component (Code 2)

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
	3 NO + 1 NC		21	26
	2 NO + 2 NC		22	27
	1 NO + 3 NC		23	28
	4 NO		24	29

■ Built-in components ■



SGTE 1 x 2-pole

SGTE 1 x 4-pole

SGT 1 x 2-pole

SGT 1 x 4-pole

4 Ordering code for component (Code 2)

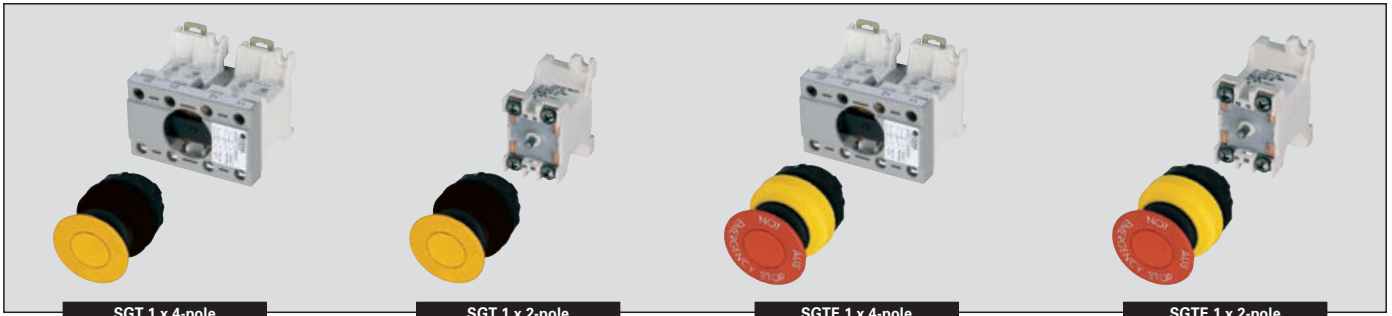
Code	Mushroom head inscription	Inscription	Code
D		emergency stop (German - Englisch) ¹⁾	1
		emergency stop (German - French) ¹⁾	4
		0, I, START, STOP	01
		0	02
		I	03
		II	04
			05
		STOP	06
		START	07
		LANGSAM	09
		SCHNELL	10
		-	12
		ARRET	14
		MARCHE	15
		0, I, Arret, Marche	20
		UP	24
		DOWN	25
		ZU	26
		ON	27
		OFF	28
	+	30	
	-	31	

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

Code	Function	pushbutton			Code
		released	engaged	unlocking	
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



Example for ordering code (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