

Customised control stations, covered by type examination certificates, can be individually combined from CEAG's numerous built-in components.

ordering. The sum of the code numbers designates a complete control station.

A coding system for these components with unique designations can be used for planning, selection and

For the selection of control units and components, please see page 9.34 pp.

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Double pushbutton DDT
2-pole and 4-pole

Pushbutton DRT

Signal lamp SIL

Measuring instrument
AM72

Mushroom-head
pushbutton SGTE

Control switch SCT

Key-operated
pushbutton SLT
and key-
operated
switch SLS

Control switch GHG 23

Terminal block KLM

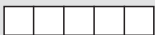





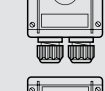
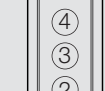


Potentiometer POT

| Order Code for Individual Control Units |

Individual control units can be defined by 4 groups of components:
















1. Empty Enclosure
2. Components per mounting area
3. Accessories
4. Cable glands

Code 1: Empty Enclosure

									
		Code for enclosure							
MA			①						411 81
MA			① ②						411 82
MA			① ② ③						411 83
MA			① ②						432
MA			① ② ③ ④						434
MA			① ②						414 81
MA			① ② ③ ④						414 82
MA			① ②						413 84
MA			① ② ③ ④						413 85

Code 2: Components per mounting area (max. 4)

A	C	D(1)	(D2)	E	F	Mounting area 1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MA1
A	C	D(1)	(D2)	E	F	Mounting area 2
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MA2
A	C	D(1)	(D2)	E	F	Mounting area 3
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MA3
A	C	D(1)	(D2)	E	F	Mounting area 4
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MA4

		
Pushbutton DRT 2-pole	4-pole	Signal lamp SIL
		
Double-pushbutton DDT 2-pole	4-pole	Potentiometer POT
		
Key-operated pushbutton SLT 2-pole	4-pole	Control switch Ex 23
		
Key-operated switch SLS 2-pole	4-pole	Measuring instrument AM 45
		
Mushroom-head pushbutton SGTE	SGT	Terminal block KLM

Example: Enclosure Type 434,
 Pushbutton (MA4),
 Signal lamp (MA3)
 Emergency stop
 Mushroom head pushbutton (MA2)
 Double pushbutton (MA1)

Code 1: 434..
 Code 2 MA4: DRT 14 001
 Code 2 MA3: SIL 1 10
 Code 2 MA2 SGTE 13 1 1 2
 Code 2 MA1: DDT15 001 007

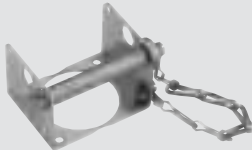
Code 3 MA1: ZUB 19
 Code 3 MA2: ZUB 19
 Code 3 MA3: ZUB 02
 Code 3 MA4: --
 Code 4: GEH 1 GK M25 2

Code 3: Lables and locking facilities

A	B	C	Mounting area 1 MA1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A	B	C	Mounting area 2 MA2
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A	B	C	Mounting area 3 MA3
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A	B	C	Mounting area 4 MA4
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



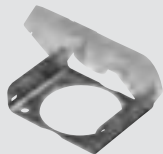
Label with holder
ZUB 20



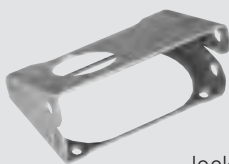
locking facility
ZUB 14



locking facility with hammer
ZUB 05



locking facility
ZUB 12



locking facility double pushbutton
ZUB 17

Code 4: Cable entries and flanges

A	B	C	D	E
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



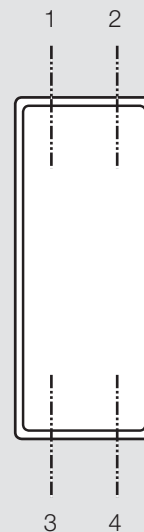
Metal flange plate
FLM



plastic cable gland
GK

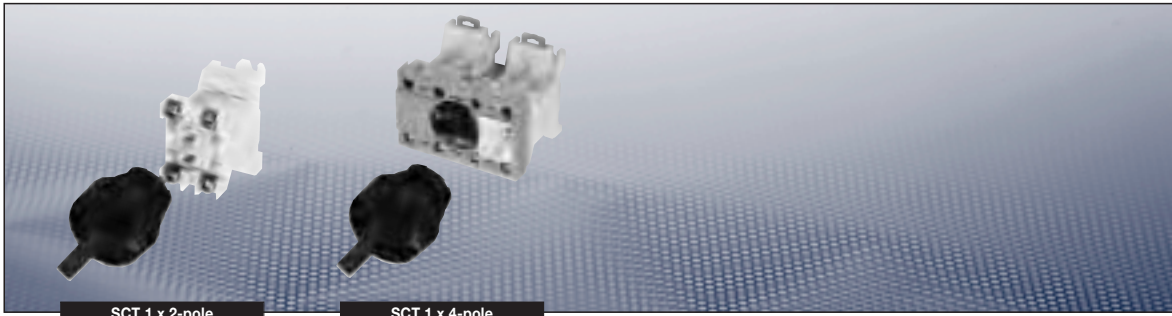


plastic trumpet-shaped
cable gland TR



position for
drilling/gland

■ Built-in Components ■



Technical data

Ex-Mini-control switch SCT

Marking to 94/9/EC	Ⓔ II 2 G Ex de ia/ib IIC / Ⓔ I M 2 Ex de ia/ib I
EC-Type Examination Certificate	PTB 97 ATEX 1081 U
Application temperature	-20 °C to +40 °C -55 °C to +55 °C (option)
Rated voltage	500 V AC
Rated current	16 A
Rated current gold contacts	0.4 A
Switch rating	400 V / 16 A AC-1 / 400 V / 4 A AC-11
Degree of protection accd. EN 60529	IP66
Type of mounting	DIN rail mounting
Enclosure colour	grey

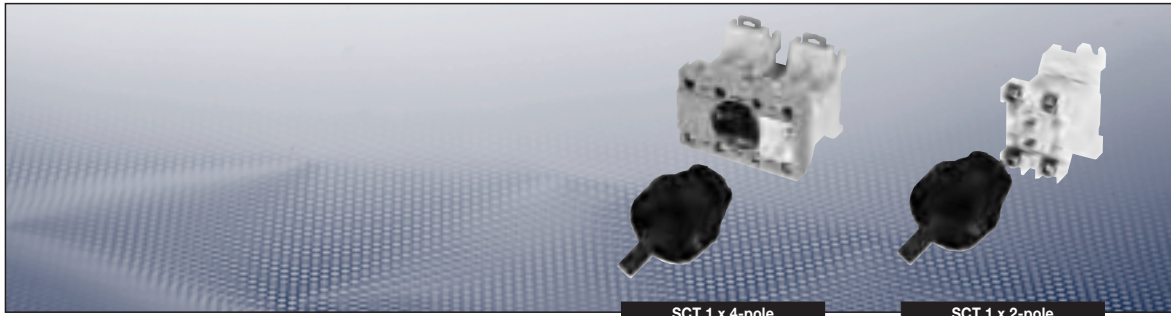
2-pole Version

Connecting terminals	2 x 2.5 mm ²
Dimensions in mm (L x W x H)	59 x 31 x 45
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 4-pole pushbutton needs two mounting areas of a 2-pole pushbutton.
The actuator will be in the middle of the two mounting areas.



SCT 1 x 4-pole

SCT 1 x 2-pole

Ordering code for Component (Code 2) Code A - C - D - E

Code	Component	Code
A	Mini-control switch	SCT

Code	Switching mechanism	Version	Code	
C		spring – engaging – spring		4
		engaging – engaging – engaging		5
		engaging – engaging		6
		spring – engaging – engaging		7
		engaging – engaging – spring		8

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1

2

3

4

5

6

7

8

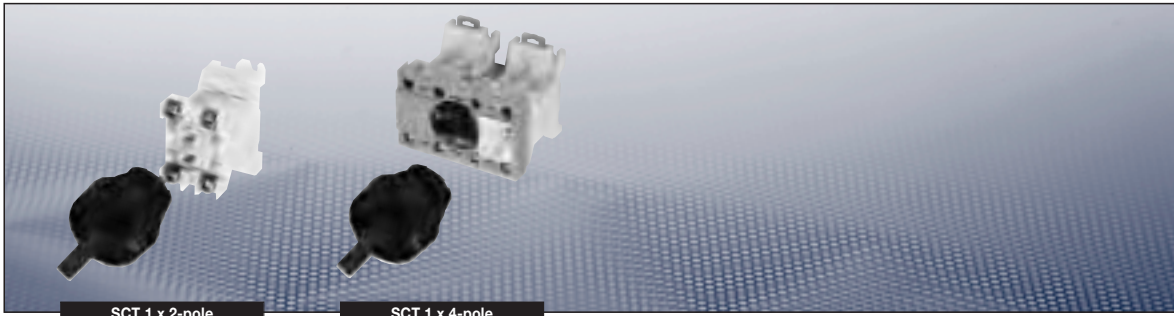
9

10

11

12

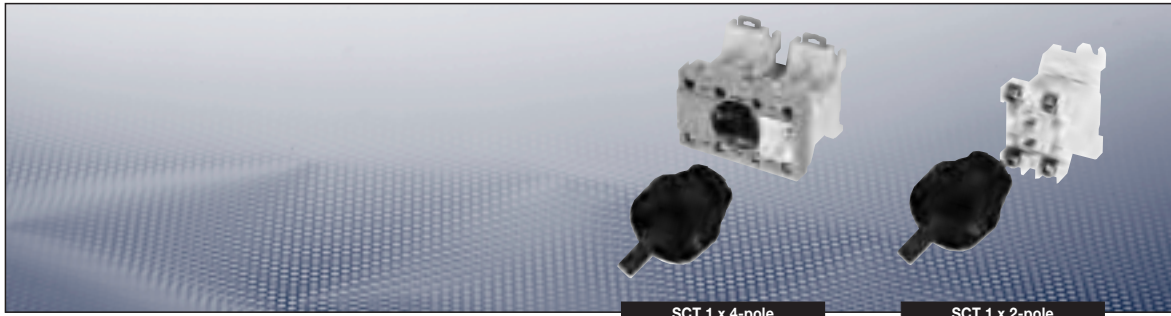
| Built-in Components |



Ordering code for Component (Code 2) Code A - C - D - E

Code	Contact system	Contacts	Code		
			silver contact points	gold contact points	
D				01	11
				02	12
				03	13
				04	14
				05	15
				07	17
				22	32
				23	33
				21	31
				26	36
				25	35
				27	37
				24	34

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SCT 1 x 4-pole

SCT 1 x 2-pole

Ordering code for Component (Code 2) Code A - C - D - E

Code	Contact lable	Inscription	Code	Inscription	Code
E		0	I	01	0 I II
		I	II	02	AUS AUTO EIN
		STOP	START	03	AUS HAND AUTO
		HAND	AUTO	04	ÖRTLICH AUS FERN
		SENKEN	HEBEN	05	START NORMAL STOP
		REMOTE	LOCAL	06	OFF 0 ON
		I 0 II		07	HAND OFF AUTO
		AUS BETRIEB EIN		08	0 IN START
		AUS 0 EIN		09	MAN AUTO
		AUF 0 AB		10	START STOP
		Enriegelt 0 Verriegelt		11	HEBEN SENKEN
		OUT OF HAND		12	OFF ON
		LOCAL REMOTE AUTO		13	AUS EIN

Other lables on request

Example for ordering code (Code 2)

Contact system	Switch mechanism	Contact Code	Ordering Code			
			A	C	D	E
Control switch with silver contact points						
Switch can be locked in all positions						
I II	6	01	SCT	6	01 or 21	02
0 I	6	03	SCT	6	03 or 23	01
I II	6	02	SCT	6	02 or 22	02
I 0 II	4	04	SCT	4	04 or 24	07
I 0 II	5	05	SCT	5	05 or 26	07
0 I	7	07	SCT	7	07 or 27	01