



Multifunction Meters

Transducers & Isolators

Temperature Controllers

Converters & Recorders

Digital Panel Meters

Current Transformers

Analogue Panel Meters

Shunts

Digital Multimeters

Clamp Meters

Insulation Testers

CAM SWITCHES

Powered by technology
...driven by service



CST SERIES CAM Switches

- Complete range of cam switches for control, instrumentation and motor starting applications.
- Available for currents from 6 A to 200 A.
- Quick and easy installation.
- Compact size with many switching programs.
- Multi pole design.
- Long distance visibility.
- Touch-proof terminals with IP20 protection.

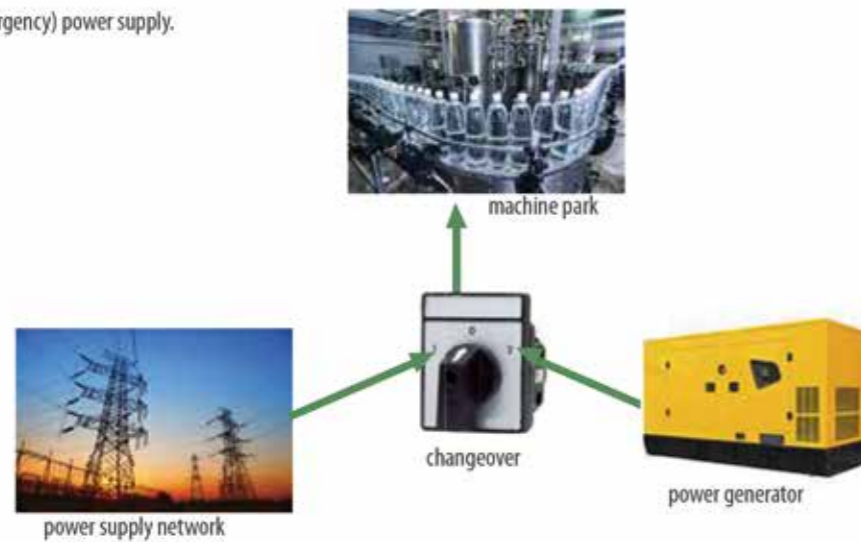
TYPES:

- CST1 - CHANGEOVER**
- CST2 - MULTI-STEP**
- CST3 - ISOLATOR**
- CST4 - SELECTOR / INSTRUMENT**

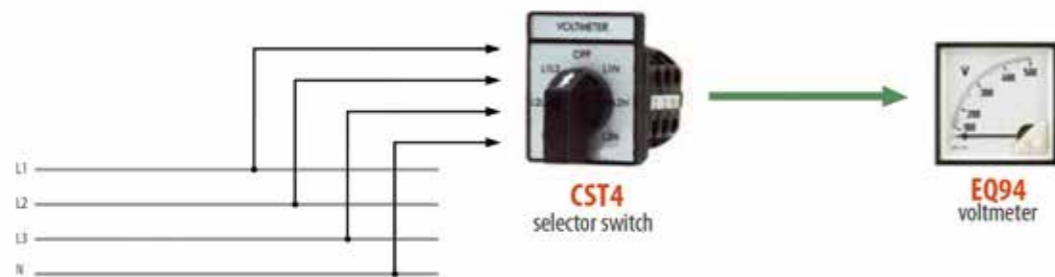


APPLICATION EXAMPLES

Switching on the (emergency) power supply.

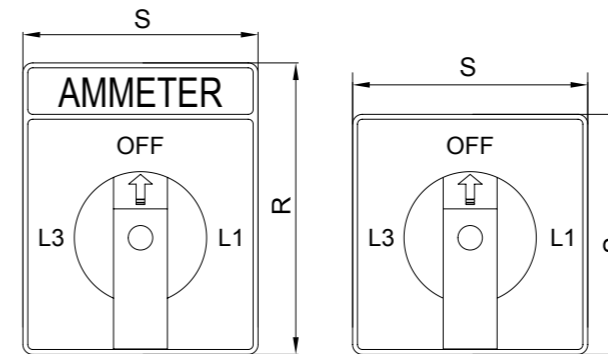
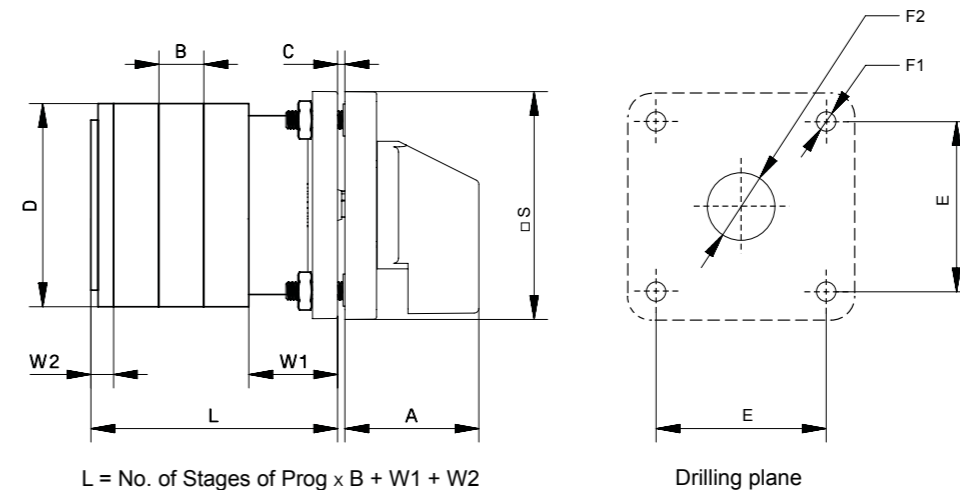


Measurement of phase and phase-to-phase voltage using only one voltmeter.



CAM Switches

EXTERNAL DIMENSIONS



Type	A	B	C _(max)	D	E	F1	F2	R	S	W1	W2
6 A	29 mm	9.7 mm	4 mm	32 mm	36 mm	4 mm	8 mm	48 mm	48 mm	13 mm	7 mm
10 A	29 mm	9.5 mm	4 mm	43 mm	36 mm	4 mm	7 mm	60 mm	48 mm	19 mm	5 mm
16 A	29 mm	9.5 mm	4 mm	43 mm	36 mm	4 mm	7 mm	60 mm	48 mm	19 mm	5 mm
20 A	29 mm	9.5 mm	4 mm	43 mm	36 mm	4 mm	7 mm	60 mm	48 mm	19 mm	5 mm
25 A	34 mm	14.3 mm	4 mm	53 mm	48 mm	4 mm	12 mm	64 mm	64 mm	24 mm	6.2 mm
32 A	34 mm	14.3 mm	4 mm	53 mm	48 mm	4 mm	12 mm	64 mm	64 mm	24 mm	6.2 mm
40 A	34 mm	14.3 mm	4 mm	53 mm	48 mm	4 mm	12 mm	64 mm	64 mm	24 mm	6.2 mm
63 A	34 mm	14.3 mm	4 mm	53 mm	48 mm	4 mm	12 mm	64 mm	64 mm	24 mm	6.2 mm
100 A	49 mm	29 mm	4 mm	88 mm	68 mm	5.5 mm	18 mm	88 mm	88 mm	27 mm	7 mm
200 A	49 mm	29 mm	4 mm	88 mm	68 mm	5.5 mm	18 mm	88 mm	88 mm	27 mm	7 mm

INSTALLATION



AC DUTY RATINGS

Class	Application
AC-1	Non-Inductive or slightly inductive loads ($\cos\phi \geq 0,95$); Resistance furnaces
AC-3	Squirrel-cage motors: starting switching off motors during running
AC-15	Control of AC electromagnetic loads
AC-21-A	Switching of resistive loads, including moderate overloads (frequent switching)
AC-23-A	Switching of motor loads or other highly inductive loads (frequent switching)

CAM Switches

TECHNICAL DATA

PARAMETERS	UNIT	6 A	10 A	16 A	20 A	25 A	32 A	40 A	63 A	100 A	200 A	
Rated operational voltage (Ue)	V	440	440	690	690	690	690	690	690	690	690	
Rated Insulation voltage (Ui)	V	440	440	690	690	690	690	690	690	690	690	
Rated uninterupted current (Ith)	A	8	12	20	25	25	32	40	63	100	200	
Rated short time withstand current (Icw)	A	72	120	192*	240*	300	384	480	756	1200	2400	
Rated Impulse withstand voltage (Uimp)	kV	4	4	4	4	6	6	6	6	6	6	
Rated Fuse short circuit current	kA	3	3	5	5	10	10	10	10	15	25	
Fuse size (Type gG/ gM)	A	6	10	16	20	25	32	50	63	100	200	
The power of the receiver in terms of use												
AC23A 3 phase	220-240 V	kW	1.1	1.8	3	3.7	4.7	5.5	7.5	11	22	22
	380-440V	kW	1.8	3	5.5	7.5	7.5	11	15	18.5	37	37
	500V	kW	-	-	5.5	7.5	11	15	18.5	22	45	45
	660-690V	kW	-	-	5.5	7.5	11	15	18.5	22	45	45
AC23A 1 phase	110V	kW	0.25	0.37	0.55	0.75	1.5	2.2	2.2	3	-	-
	220-240V	kW	0.5	0.75	1.5	2.2	3	3.7	5.5	7.5	-	-
AC3 3 phase	220-240V	kW	1.1	1.5	3	3	4.7	5.5	7.5	11	22	22
	380-440V	kW	1.8	2.2	5.5	5.5	7.5	11	15	18.5	37	37
	500V	kW	-	-	5.5	5.5	11	15	18.5	22	45	45
	600-690V	kW	-	-	5.5	5.5	11	15	18.5	22	45	45
AC3 1 phase	110V	kW	0.25	0.3	0.55	0.6	1.5	2.2	2.2	3	-	-
	220-240V	kW	0.5	0.55	1.5	2.2	3	3.7	5.5	7.5	-	-
AC21A/AC1	380-440V	kW	0.75	0.75	2.5	3	5.5	7.5	7.5	11	-	-
	A	A	6	10	16	20	25	32	40	63	100	200
AC15	220-240V	A	2	2.5	5	5	8	14	16	16	20	-
	380-440V	A	1	1.5	4	4	5	6	7	7	10	-
Terminal cross-section												
Single / Multiple	Min	mm ²	0.7	0.7	1.5	1.5	2.5	2.5	4	4	10	10
	Max	mm ²	1.5	1.5	4	4	4	6	10	16	35	70
Fine strand with sleeve	Min	mm ²	0.7	0.7	1	1	1.5	1.5	2.5	2.5	10	10
	Max	mm ²	1.5	1.5	2.5	2.5	4	4	6	16	35	50
Terminal screw	metric	M3	M3	M3	M3	M4	M4	M4	M4	M10	M10	
Terminal tightening torque	Nm	0.8	0.8	0.8	0.8	1.2	1.2	1.2	1.2	2.5	2.5	

* Rated short time withstand current (0.5s- current)

RATED OPERATING CONDITIONS

Frequency	50/60 Hz	
Operating temperature	-25°C...60°C	
Storage temperature	-40°C...80°C	
Installation category	III	
Altitude a.s.l.	2000 m	
Protection grade	IP50 from frontal side	IP20 from terminal side
Standards	IEC 60947-1, IEC 60947-3, IEC 60947-5	

SWITCH LIFE

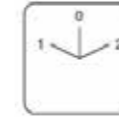
Mechanical Life	100 000 operations at 300 cycles/hr	
Electrical Life	10 000 operations at 100% rated duty at 120 cycles/hr	
Contacts	double break	type AgNi
	double break	type AgCdO

CST1 SERIES Changeovers

WIRING DIAGRAMS AND CODING

CHANGEOVERS CST1

Ordering code CST1-__020F__00



Changeover CST1-		60L	020F	00
Rated current:				
6 A	A			
10 A	B			
16 A	C			
25 A	D			
32 A	E			
40 A	F			
63 A	G			
100 A	H			
200 A	I			
Pole:				
1 pole			1	
2 poles Note offered upto 6 poles			2	
....			...	
6 poles			6	
Front plate colour:				
silver background and black knob			A	
yellow background and red knob			Y	
Acceptance tests:				
without additional quality requirements			0	
with an extra quality inspection certificate			1	

Order Code examples

CST1-C60L1020FA000

- Changeover 16A, angle 60°, rotation angle <360°, 1 pole, 2 ways, with OFF, rectangular knob, silver background, black knob

CST1-C60L1020FY000

- Changeover 16A, angle 60°, rotation angle <360°, 1 pole, 2 ways, with OFF, rectangular knob, yellow background, red knob

Description	CST1									
	6A	10A	16A	25A	32A	40A	63A	100A	200A	
	Stage number									
1-polar 2-way + OFF	1	1	1	1	1	1	1	1	1	1
2-polar 2-way + OFF	2	2	2	2	2	2	2	2	2	2
3-polar 2-way + OFF	3	3	3	3	3	3	3	3	3	3
4-polar 2-way + OFF	4	4	4	4	4	4	4	4	4	4
5-polar 2-way + OFF	5	5	5	5	5	5	5	5	5	5
6-polar 2-way + OFF	6	6	6	6	6	6	6	6	6	6

OUTPUT SIDE	1A	2A	1B	2B	1C	2C	1D	2D	1E	2E	1F	2F
	INPUT SIDE	LA	LA	LB	LB	LC	LC	LD	LD	LE	LE	LF
POLES	1		2		3		4		5		6	
0												
1	X		X		X		X		X		X	
2		X		X		X		X		X		X

Ordering code CST1-__90T__020F__00



Changeover CST1-		90T	020F	00
Rated current:				
6 A	A			
10 A	B			
16 A	C			
25 A	D			
32 A	E			
40 A	F			
63 A	G			
100 A	H			
200 A	I			
Pole:				
1 pole			1	
2 poles Note offered upto 6 poles			2	
....			...	
6 poles			6	
Front plate colour:				
silver background and black knob			A	
yellow background and red knob			Y	
Acceptance tests:				
without additional quality requirements			0	
with an extra quality inspection certificate			1	

Description	CST1									
	6A	10A	16A	25A	32A	40A	63A	100A	200A	
	Stage number									
1-polar 2-way + OFF	1	1	1	1	1	1	1	1	1	1
2-polar 2-way + OFF	2	2	2	2	2	2	2	2	2	2
3-polar 2-way + OFF	3	3	3	3	3	3	3	3	3	3
4-polar 2-way + OFF	4	4	4	4	4	4	4	4	4	4
5-polar 2-way + OFF	5	5	5	5	5	5	5	5	5	5
6-polar 2-way + OFF	6	6	6	6	6	6	6	6	6	6

OUTPUT SIDE	1A	2A	1B	2B	1C	2C	1D	2D	1E	2E	1F	2F
	INPUT SIDE	LA	LA	LB	LB	LC	LC	LD	LD	LE	LE	LF
POLES	1		2		3		4		5		6	
0												
1	X		X		X		X		X		X	
2		X		X		X		X		X		X

CST1 SERIES Changeovers

WIRING DIAGRAMS AND CODING

CHANGEOVERS CST1

Ordering code CST1- _90T_02WF_ _00



Changeover CST1-		90T	02WF	00
Rated current:				
6 A	A			
10 A	B			
16 A	C			
25 A	D			
32 A	E			
40 A	F			
63 A	G			
100 A	H			
200 A	I			
Pole:				
1 pole		1		
2 poles Note offered upto 6 poles		2		
....		...		
6 poles		6		
Front plate colour:				
silver background and black knob	A			
yellow background and red knob	Y			
Acceptance tests:				
without additional quality requirements			0	
with an extra quality inspection certificate			1	

Description	CST1									
	6A	10A	16A	25A	32A	40A	63A	100A	200A	
	Stage number									
1-polar 2-way	1	1	1	1	1	1	1	1	1	1
2-polar 2-way	2	2	2	2	2	2	2	2	2	2
3-polar 2-way	3	3	3	3	3	3	3	3	3	3
4-polar 2-way	4	4	4	4	4	4	4	4	4	4
5-polar 2-way	5	5	5	5	5	5	5	5	5	5
6-polar 2-way	6	6	6	6	6	6	6	6	6	6

OUTPUT SIDE	1A	2A	1B	2B	1C	2C	1D	2D	1E	2E	1F	2F
INPUT SIDE	LA	LA	LB	LB	LC	LC	LD	LD	LE	LE	LF	LF
POLES	1		2		3		4		5		6	
0												
1	X		X		X		X		X		X	
2		X		X		X		X		X		X

Ordering code CST1- _90T_03OF_ _00



Changeover CST1-		90T	03OF	00
Rated current:				
6 A	A			
10 A	B			
16 A	C			
25 A	D			
32 A	E			
40 A	F			
63 A	G			
100 A	H			
200 A	I			
Pole:				
1 pole		1		
2 poles Note offered upto 6 poles		2		
3 poles		3		
Front plate colour:				
silver background and black knob	A			
yellow background and red knob	Y			
Acceptance tests:				
without additional quality requirements			0	
with an extra quality inspection certificate			1	

Description	CST1									
	6A	10A	16A	25A	32A	40A	63A	100A	200A	
	Stage number									
1-polar 3-way + OFF	2	2	2	2	2	2	2	2	2	2
2-polar 3-way + OFF	3	3	3	3	3	3	3	3	3	3
3-polar 3-way + OFF	5	5	5	5	5	5	5	5	5	5

OUTPUT SIDE	1A	2A	1B	3A	2B	2B	1C	2C	3C
INPUT SIDE	LA	LA	LB	LA	LB	LB	LC	LC	LC
POLES	1		2	1	2	2	3		3
OFF									
1	X		X				X		
2		X			X		X		
3				X		X			X

CST1 SERIES Changeovers

WIRING DIAGRAMS AND CODING

CHANGEOVERS CST1

CODING OF CST1 SERIES

Changeover CST1-	-	-	0	-	-	-	-	-	F	-	-	00
Rated current:												
6 A	A											
10 A	B											
16 A	C											
25 A	D											
32 A	E											
40 A	F											
63 A	G											
100 A	H											
200 A	I											
Angle:												
60°			6									
90°			9									
----- 0												
Rotation angle:												
360°									T			
less than 360° *									L			
Pole:												
1 pole										1		
2 poles										2		
....										...		
6 poles										6		
No. of ways:												
2 ways											02	
3 ways											03	
OFF way:												
without OFF**											W	
with OFF											O	
----- F												
Front plate colour:												
silver background and black knob											A	
yellow background and red knob											Y	
Acceptance tests:												
without additional quality requirements											0	
with an extra quality inspection certificate											1	
Version:												
standard												00
custom-made***												XX

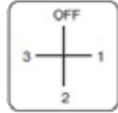
* - only for rotation angle 60°
 ** - only for rotation angle 90°
 *** - only after agreeing with the manufacturer

CST2 SERIES Multisteps

WIRING DIAGRAMS AND CODING

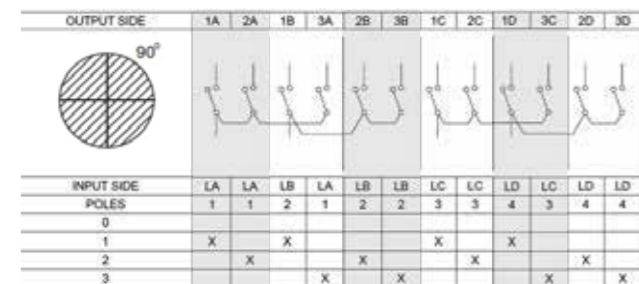
MULTI-STEPS CST2

Ordering code CST2- 90T_03OF_00

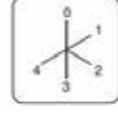


Multi-step CST2-		90T	03	O	F	00
Rated current:						
6 A	A					
10 A	B					
16 A	C					
25 A	D					
32 A	E					
40 A	F					
63 A	G					
100 A	H					
200 A	I					
Pole:						
1 pole		1				
2 poles		2				
3 poles		3				
4 poles		4				
Front plate colour:						
silver background and black knob					A	
yellow background and red knob					Y	
Acceptance tests:						
without additional quality requirements						0
with an extra quality inspection certificate						1

Description	CST2								
	6A	10A	16A	25A	32A	40A	63A	100A	200A
	Stage number								
1-polar 3-way + OFF	2	2	2	2	2	2	2	2	2
2-polar 3-way + OFF	3	3	3	3	3	3	3	3	3
3-polar 3-way + OFF	5	5	5	5	5	5	5	5	5
4-polar 3-way + OFF	6	6	6	6	6	6	6	6	6



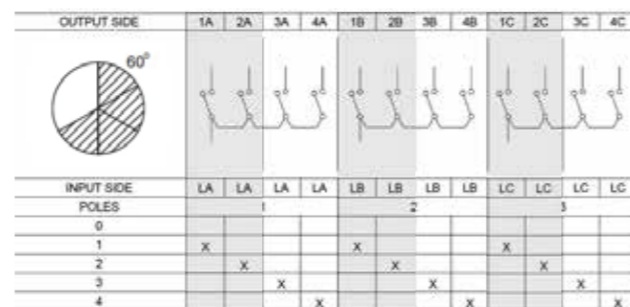
Ordering code CST2- 60L_04OF_00



Multi-step CST2-		60L	04	O	F	00
Rated current:						
6 A	A					
10 A	B					
16 A	C					
25 A	D					
32 A	E					
40 A	F					
63 A	G					
100 A	H					
200 A	I					
Pole:						
1 pole		1				
2 poles		2				
3 poles		3				
Front plate colour:						
silver background and black knob					A	
yellow background and red knob					Y	
Acceptance tests:						
without additional quality requirements						0
with an extra quality inspection certificate						1

CST2-C60L1040FA000
- Multi-step 16A, angle 60°, rotation angle <360°, 1 pole, 4 ways, with OFF, rectangular knob, silver background, black knob
CST2-C60L1040FY000
- Multi-step 16A, angle 60°, rotation angle <360°, 1 pole, 4 ways, with OFF, rectangular knob, yellow background, red knob

Description	CST2								
	6A	10A	16A	25A	32A	40A	63A	100A	200A
	Stage number								
1-polar 4-way + OFF	2	2	2	2	2	2	2	2	2
2-polar 4-way + OFF	4	4	4	4	4	4	4	4	4
3-polar 4-way + OFF	6	6	6	6	6	6	6	6	6



CST2 SERIES Multisteps

WIRING DIAGRAMS AND CODING

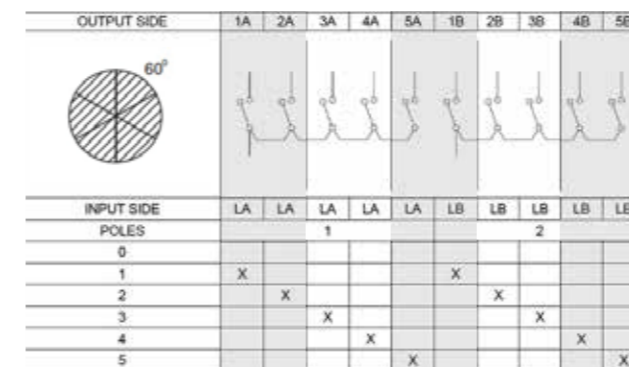
MULTI-STEPS CST2

Ordering code CST2- 60T_05OF_00



Multi-step CST2-		60T	05	O	F	00
Rated current:						
6 A	A					
10 A	B					
16 A	C					
25 A	D					
32 A	E					
40 A	F					
63 A	G					
100 A	H					
200 A	I					
Pole:						
1 pole		1				
2 poles		2				
Front plate colour:						
silver background and black knob					A	
yellow background and red knob					Y	
Acceptance tests:						
without additional quality requirements						0
with an extra quality inspection certificate						1

Description	CST2								
	6A	10A	16A	25A	32A	40A	63A	100A	200A
	Stage number								
1-polar 5-way + OFF	3	3	3	3	3	3	3	3	3
2-polar 5-way + OFF	5	5	5	5	5	5	5	5	5

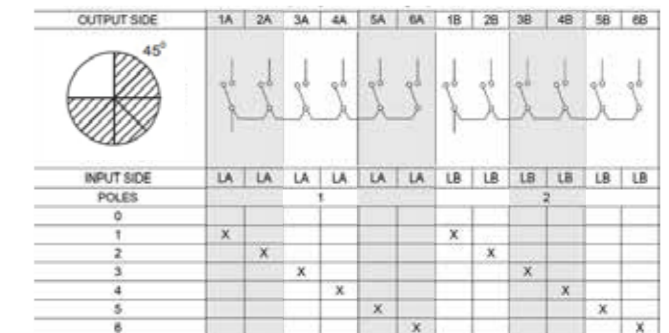


Ordering code CST2- 40L_06OF_00



Multi-step CST2-		40L	06	O	F	00
Rated current:						
6 A	A					
10 A	B					
16 A	C					
25 A	D					
32 A	E					
40 A	F					
63 A	G					
Pole:						
1 pole		1				
2 poles		2				
Front plate colour:						
silver background and black knob					A	
yellow background and red knob					Y	
Acceptance tests:						
without additional quality requirements						0
with an extra quality inspection certificate						1

Description	CST2			CST2			
	6A	10A	16A	25A	32A	40A	63A
	Stage number						
1-polar 6-way + OFF	3	3	3	3	3	3	3
2-polar 6-way + OFF	6	6	6	6	6	6	6



CST2 SERIES Multisteps

WIRING DIAGRAMS AND CODING

MULTI-STEPS CST2

Ordering code CST2- 40T107OF __00



Multi-step CST2-	40T107OF	-	-	00
Rated current:				
6 A	A			
10 A	B			
16 A	C			
25 A	D			
32 A	E			
40 A	F			
63 A	G			
Front plate colour:				
silver background and black knob	A			
yellow background and red knob	Y			
Acceptance tests:				
without additional quality requirements				0
with an extra quality inspection certificate				1

Description	CST2						
	6A	10A	16A	25A	32A	40A	63A
	Stage number						
1-polar 7-way + OFF	4	4	4	4	4	4	4

OUTPUT SIDE	1A	2A	3A	4A	5A	6A	7A
INPUT SIDE	LA	LA	LA	LA	LA	LA	LA
0							
1	X						
2		X					
3			X				
4				X			
5					X		
6						X	
7							X

Ordering code CST2- 30L108OF __00



Multi-step CST2-	30L108OF	-	-	00
Rated current:				
6 A	A			
10 A	B			
16 A	C			
Front plate colour:				
silver background and black knob	A			
yellow background and red knob	Y			
Acceptance tests:				
without additional quality requirements				0
with an extra quality inspection certificate				1

Description	CST2		
	6A	10A	16A
	Stage number		
1-polar 8-way + OFF	4	4	4

OUTPUT SIDE	1A	2A	3A	4A	5A	6A	7A	8A
INPUT SIDE	LA	LA	LA	LA	LA	LA	LA	LA
0								
1	X							
2		X						
3			X					
4				X				
5					X			
6						X		
7							X	
8								X

CST2 SERIES Multisteps

WIRING DIAGRAMS AND CODING

MULTI-STEPS CST2

Ordering code CST2- 30T109OF __00



Multi-step CST2-	30T109OF	-	-	00
Rated current:				
6 A	A			
10 A	B			
16 A	C			
Front plate colour:				
silver background and black knob	A			
yellow background and red knob	Y			
Acceptance tests:				
without additional quality requirements				0
with an extra quality inspection certificate				1

Description	CST2		
	6A	10A	16A
	Stage number		
1-polar 9-way + OFF	5	5	5

OUTPUT SIDE	1A	2A	3A	4A	5A	6A	7A	8A	9A
INPUT SIDE	LA	LA	LA	LA	LA	LA	LA	LA	LA
0									
1	X								
2		X							
3			X						
4				X					
5					X				
6						X			
7							X		
8								X	
9									X

Ordering code CST2- 30T111OF __00



Multi-step CST2-	30T111OF	-	-	00
Rated current:				
6 A	A			
10 A	B			
16 A	C			
Front plate colour:				
silver background and black knob	A			
yellow background and red knob	Y			
Acceptance tests:				
without additional quality requirements				0
with an extra quality inspection certificate				1

Ordering code CST2- 30T110OF __00



Multi-step CST2-	30T110OF	-	-	00
Rated current:				
6 A	A			
10 A	B			
16 A	C			
Front plate colour:				
silver background and black knob	A			
yellow background and red knob	Y			
Acceptance tests:				
without additional quality requirements				0
with an extra quality inspection certificate				1

Description	CST2		
	6A	10A	16A
	Stage number		
1-polar 10-way + OFF	5	5	5

OUTPUT SIDE	1A	2A	3A	4A	5A	6A	7A	8A	9A	10A
INPUT SIDE	LA	LA	LA	LA	LA	LA	LA	LA	LA	LA
0										
1	X									
2		X								
3			X							
4				X						
5					X					
6						X				
7							X			
8								X		
9									X	
10										X

Description	CST2		
	6A	10A	16A
	Stage number		
1-polar 11-way + OFF	6	6	6

OUTPUT SIDE	1A	2A	3A	4A	5A	6A	7A	8A	9A	10A	11A
INPUT SIDE	LA	LA	LA	LA	LA	LA	LA	LA	LA	LA	LA
0											
1	X										
2		X									
3			X								
4				X							
5					X						
6						X					
7							X				
8								X			
9									X		
10										X	
11											X

CST2 SERIES Multisteps

WIRING DIAGRAMS AND CODING

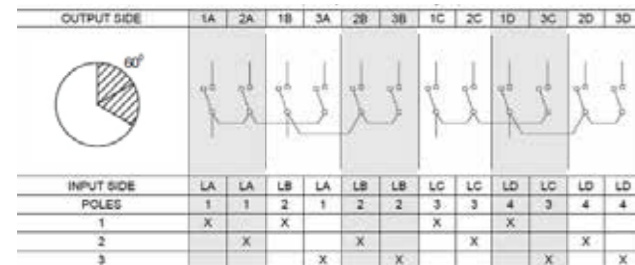
MULTI-STEPS CST2

Ordering code CST2- 60L_03WF_00



Multi-step CST2-		60L	03WF	00
Rated current:				
6 A	A			
10 A	B			
16 A	C			
25 A	D			
32 A	E			
40 A	F			
63 A	G			
100 A	H			
200 A	I			
Pole:				
1 pole		1		
2 poles		2		
3 poles		3		
4 poles		4		
Front plate colour:				
silver background and black knob	A			
yellow background and red knob	Y			
Acceptance tests:				
without additional quality requirements		0		
with an extra quality inspection certificate		1		

Description	CST2								
	6A	10A	16A	25A	32A	40A	63A	100A	200A
	Stage number								
1-polar 3-way without OFF	2	2	2	2	2	2	2	2	2
2-polar 3-way without OFF	3	3	3	3	3	3	3	3	3
3-polar 3-way without OFF	5	5	5	5	5	5	5	5	5
4-polar 3-way without OFF	6	6	6	6	6	6	6	6	6

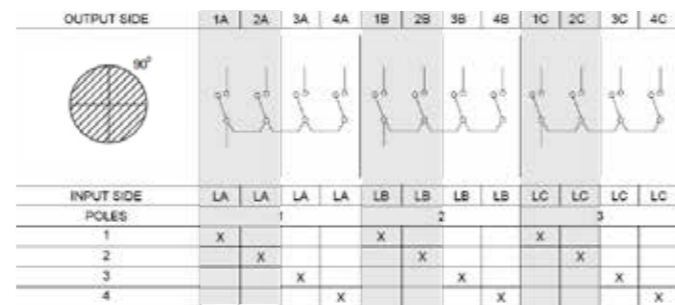


Ordering code CST2- 90T_04WF_00



Multi-step CST2-		90T	04WF	00
Rated current:				
6 A	A			
10 A	B			
16 A	C			
25 A	D			
32 A	E			
40 A	F			
63 A	G			
100 A	H			
200 A	I			
Pole:				
1 pole		1		
2 poles		2		
3 poles		3		
Front plate colour:				
silver background and black knob	A			
yellow background and red knob	Y			
Acceptance tests:				
without additional quality requirements		0		
with an extra quality inspection certificate		1		

Description	CST2								
	6A	10A	16A	25A	32A	40A	63A	100A	200A
	Stage number								
1-polar 4-way without OFF	2	2	2	2	2	2	2	2	2
2-polar 4-way without OFF	4	4	4	4	4	4	4	4	4
3-polar 4-way without OFF	6	6	6	6	6	6	6	6	6

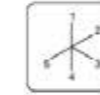


CST2 SERIES Multisteps

WIRING DIAGRAMS AND CODING

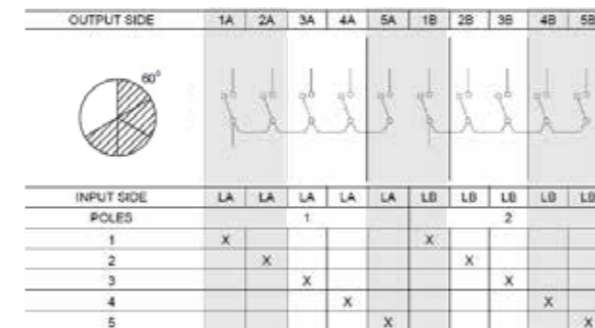
MULTI-STEPS CST2

Ordering code CST2- 60L_05WF_00

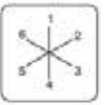


Multi-step CST2-		60L	05WF	00
Rated current:				
6 A	A			
10 A	B			
16 A	C			
25 A	D			
32 A	E			
40 A	F			
63 A	G			
100 A	H			
200 A	I			
Pole:				
1 pole		1		
2 poles		2		
Front plate colour:				
silver background and black knob	A			
yellow background and red knob	Y			
Acceptance tests:				
without additional quality requirements		0		
with an extra quality inspection certificate		1		

Description	CST2								
	6A	10A	16A	25A	32A	40A	63A	100A	200A
	Stage number								
1-polar 5-way without OFF	3	3	3	3	3	3	3	3	3
2-polar 5-way without OFF	5	5	5	5	5	5	5	5	5

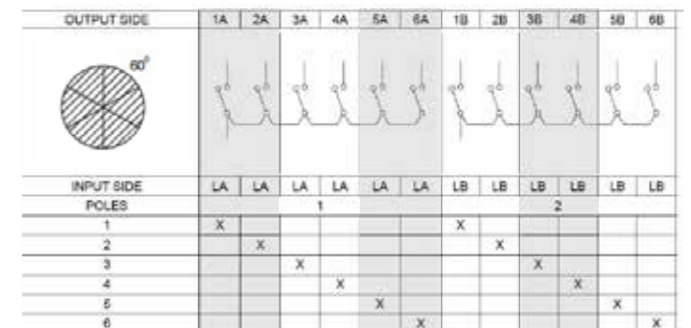


Ordering code CST2- 60T_06WF_00



Multi-step CST2-		60t	06WF	00
Rated current:				
6 A	A			
10 A	B			
16 A	C			
25 A	D			
32 A	E			
40 A	F			
63 A	G			
100 A	H			
200 A	I			
Pole:				
1 pole		1		
2 poles		2		
Front plate colour:				
silver background and black knob	A			
yellow background and red knob	Y			
Acceptance tests:				
without additional quality requirements		0		
with an extra quality inspection certificate		1		

Description	CST2								
	6A	10A	16A	25A	32A	40A	63A	100A	200A
	Stage number								
1-polar 6-way without OFF	3	3	3	3	3	3	3	3	3
2-polar 6-way without OFF	6	6	6	6	6	6	6	6	6

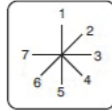


CST2 SERIES Multisteps

WIRING DIAGRAMS AND CODING

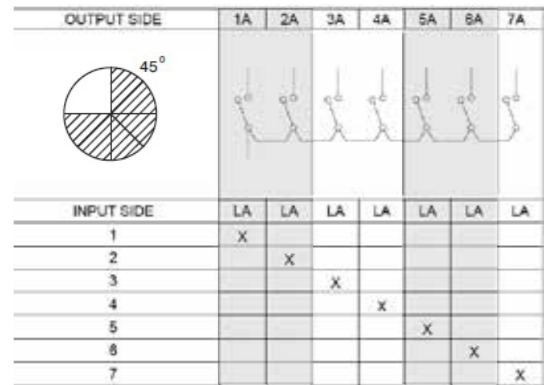
MULTI-STEPS CST2

Ordering code CST2- 40L107WF __00

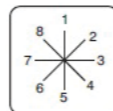


Multi-step CST2-		40L107WF	-	-	00
Rated current:					
6 A	A				
10 A	B				
16 A	C				
25 A	D				
32 A	E				
40 A	F				
63 A	G				
Front plate colour:					
silver background and black knob		A			
yellow background and red knob		Y			
Acceptance tests:					
without additional quality requirements					0
with an extra quality inspection certificate					1

Description	CST2						
	6A	10A	16A	25A	32A	40A	63A
	Stage number						
1-polar 7-way without OFF	4	4	4	4	4	4	4

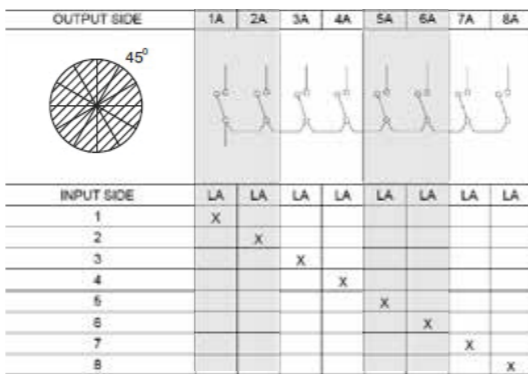


Ordering code CST2- 40T108WF __00



Multi-step CST2-		40T108WF	-	-	00
Rated current:					
6 A	A				
10 A	B				
16 A	C				
25 A	D				
32 A	E				
40 A	F				
63 A	G				
Front plate colour:					
silver background and black knob		A			
yellow background and red knob		Y			
Acceptance tests:					
without additional quality requirements					0
with an extra quality inspection certificate					1

Description	CST2						
	6A	10A	16A	25A	32A	40A	63A
	Stage number						
1-polar 8-way without OFF	4	4	4	4	4	4	4

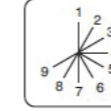


CST2 SERIES Multisteps

WIRING DIAGRAMS AND CODING

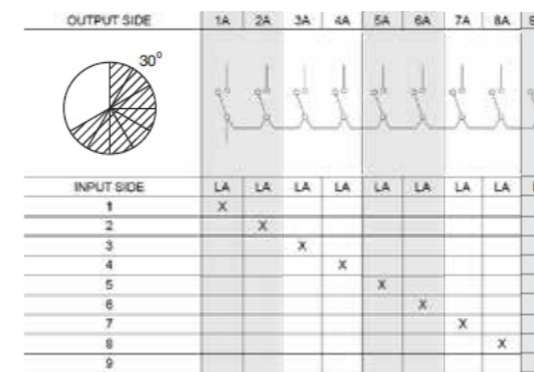
MULTI-STEPS CST2

Ordering code CST2- 30L109WF __00



Multi-step CST2-		30L109WF	-	-	00
Rated current:					
6 A	A				
10 A	B				
16 A	C				
Front plate colour:					
silver background and black knob		A			
yellow background and red knob		Y			
Acceptance tests:					
without additional quality requirements					0
with an extra quality inspection certificate					1

Description	CST2		
	6A	10A	16A
	Stage number		
1-polar 9-way without OFF	5	5	5

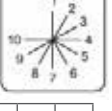


Ordering code CST2- 30L111WF __00



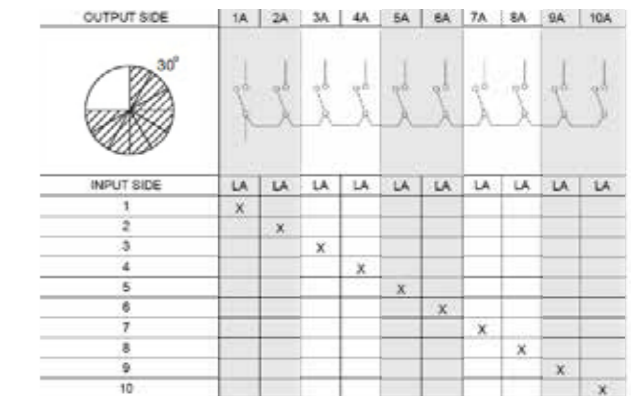
Multi-step CST2-		30L111WF	-	-	00
Rated current:					
6 A	A				
10 A	B				
16 A	C				
Front plate colour:					
silver background and black knob		A			
yellow background and red knob		Y			
Acceptance tests:					
without additional quality requirements					0
with an extra quality inspection certificate					1

Ordering code CST2- 30L110WF __00

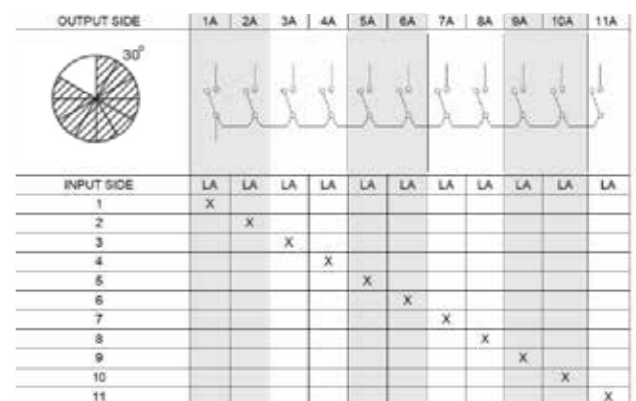


Multi-step CST2-		30L110WF	-	-	00
Rated current:					
6 A	A				
10 A	B				
16 A	C				
Front plate colour:					
silver background and black knob		A			
yellow background and red knob		Y			
Acceptance tests:					
without additional quality requirements					0
with an extra quality inspection certificate					1

Description	CST2		
	6A	10A	16A
	Stage number		
1-polar 10-way without OFF	5	5	5



Description	CST2		
	6A	10A	16A
	Stage number		
1-polar 11-way without OFF	6	6	6



CST2 SERIES Multisteps

WIRING DIAGRAMS AND CODING

MULTI-STEPS CST2

Ordering code CST2- 30T112WF _ 00



Multi-step CST2-		30T112WF	00
Rated current:			
6 A	A		
10 A	B		
16 A	C		
Front plate colour:			
silver background and black knob		A	
yellow background and red knob		Y	
Acceptance tests:			
without additional quality requirements		0	
with an extra quality inspection certificate		1	

Description	CST2		
	6A	10A	16A
	Stage number		
1-polar 12-way without OFF	6	6	6

OUTPUT SIDE	1A	2A	3A	4A	5A	6A	7A	8A	9A	10A	11A	12A
INPUT SIDE	LA	LA	LA	LA	LA	LA	LA	LA	LA	LA	LA	LA
1	X											
2		X										
3			X									
4				X								
5					X							
6						X						
7							X					
8								X				
9									X			
10										X		
11											X	
12												X

CODING OF CST2 SERIES

Multi-step CST2-		0				F		00
Rated current:								
6 A	A							
10 A	B							
16 A	C							
25 A	D							
32 A	E							
40 A	F							
63 A	G							
100 A	H							
200 A	I							
Angle:								
30°	3							
45°	4							
60°	6							
90°	9							
	0							
Rotation angle:								
360°	T							
less than 360°	L							
Pole:								
1 pole	1							
2 poles	2							
3 poles	3							
4 poles	4							
No. of ways:								
3 ways	03							
4 ways	04							
....	...							
12 ways	12							
OFF way:								
without OFF	W							
with OFF	O							
Front plate colour:								
silver background and black knob		A						
yellow background and red knob		Y						
Acceptance tests:								
without additional quality requirements		0						
with an extra quality inspection certificate		1						
Version:								
standard		00						
custom-made*		XX						

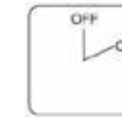
* - only after agreeing with the manufacturer

CST3 SERIES Isolators

WIRING DIAGRAMS AND CODING

ISOLATORS CST3

Ordering code CST3- 60L_XXOF _ 00



Isolator CST3-	60L	XXOF	00
Rated current:			
6 A	A		
10 A	B		
16 A	C		
25 A	D		
32 A	E		
40 A	F		
63 A	G		
100 A	H		
200 A	I		
Pole:			
1 pole	1		
2 poles	2		
....	...		
9 poles	9		
10 poles	A		
11 poles	B		
12 poles	C		
Front plate colour:			
silver background and black knob		A	
yellow background and red knob		Y	
Acceptance tests:			
without additional quality requirements		0	
with an extra quality inspection certificate		1	

CST3-C60L3XXOFA000

- Isolator 16A, angle 60°, rotation angle <360°, 3 poles, with OFF, rectangular knob, silver background, black knob

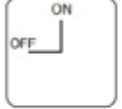
CST3-C60L3XXOFY000

- Isolator 16A, angle 60°, rotation angle <360°, 3 poles, with OFF, rectangular knob, yellow background, red knob

Description	CST3								
	6A	10A	16A	25A	32A	40A	63A	100A	200A
	Stage number								
1-polar ON-OFF	1	1	1	1	1	1	1	1	1
2-polar ON-OFF	1	1	1	1	1	1	1	1	1
3-polar ON-OFF	2	2	2	2	2	2	2	2	2
4-polar ON-OFF	2	2	2	2	2	2	2	2	2
5-polar ON-OFF	3	3	3	3	3	3	3	3	3
6-polar ON-OFF	3	3	3	3	3	3	3	3	3

OUTPUT SIDE	1A	1B	1C	1D	1E	1F	1G	1H	1I	1J	1K	1L
INPUT SIDE	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LL
POLES	1	2	3	4	5	6	7	8	9	10	11	12
OFF												
ON	X	X	X	X	X	X	X	X	X	X	X	X

Ordering code CST3- 90L_XXOF _ 00



Isolator CST3-	90L	XXOF	00
Rated current:			
6 A	A		
10 A	B		
16 A	C		
25 A	D		
32 A	E		
40 A	F		
63 A	G		
100 A	H		
200 A	I		
Pole:			
1 pole	1		
2 poles	2		
....	...		
9 poles	9		
10 poles	A		
11 poles	B		
12 poles	C		
Front plate colour:			
silver background and black knob		A	
yellow background and red knob		Y	
Acceptance tests:			
without additional quality requirements		0	
with an extra quality inspection certificate		1	

Description	CST3								
	6A	10A	16A	25A	32A	40A	63A	100A	200A
	Stage number								
1-polar ON-OFF	1	1	1	1	1	1	1	1	1
2-polar ON-OFF	1	1	1	1	1	1	1	1	1
3-polar ON-OFF	2	2	2	2	2	2	2	2	2
4-polar ON-OFF	2	2	2	2	2	2	2	2	2
5-polar ON-OFF	3	3	3	3	3	3	3	3	3
6-polar ON-OFF	3	3	3	3	3	3	3	3	3

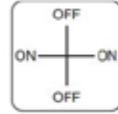
OUTPUT SIDE	1A	1B	1C	1D	1E	1F	1G	1H	1I	1J	1K	1L
INPUT SIDE	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LL
POLES	1	2	3	4	5	6	7	8	9	10	11	12
OFF												
ON	X	X	X	X	X	X	X	X	X	X	X	X

CST3 SERIES Isolators

WIRING DIAGRAMS AND CODING

ISOLATORS CST3

Ordering code CST3- 90T_XXOF_ _00

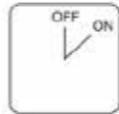


Isolator CST3-	90T	XXOF	00
Rated current:			
6 A	A		
10 A	B		
16 A	C		
25 A	D		
32 A	E		
40 A	F		
63 A	G		
100 A	H		
200 A	I		
Pole:			
1 pole	1		
2 poles	2		
....	...		
9 poles	9		
10 poles	A		
11 poles	B		
12 poles	C		
Front plate colour:			
silver background and black knob	A		
yellow background and red knob	Y		
Acceptance tests:			
without additional quality requirements	0		
with an extra quality inspection certificate	1		

Description	CST3								
	6A	10A	16A	25A	32A	40A	63A	100A	200A
	Stage number								
1-polar ON-OFF	1	1	1	1	1	1	1	1	1
2-polar ON-OFF	1	1	1	1	1	1	1	1	1
3-polar ON-OFF	2	2	2	2	2	2	2	2	2
4-polar ON-OFF	2	2	2	2	2	2	2	2	2
5-polar ON-OFF	3	3	3	3	3	3	3	3	3
6-polar ON-OFF	3	3	3	3	3	3	3	3	3

OUTPUT SIDE	1A	1B	1C	1D	1E	1F	1G	1H	1I	1J	1K	1L
INPUT SIDE	1A	1B	1C	1D	1E	1F	1G	1H	1I	1J	1K	1L
POLES	1	2	3	4	5	6	7	8	9	10	11	12
OFF												
ON	X	X	X	X	X	X	X	X	X	X	X	X

Ordering code CST3- 40L_XXOF_ _00



Isolator CST3-	40L	XXOF	00
Rated current:			
6 A	A		
10 A	B		
16 A	C		
25 A	D		
32 A	E		
40 A	F		
63 A	G		
Pole:			
1 pole	1		
2 poles	2		
....	...		
9 poles	9		
10 poles	A		
11 poles	B		
12 poles	C		
Front plate colour:			
silver background and black knob	A		
yellow background and red knob	Y		
Acceptance tests:			
without additional quality requirements	0		
with an extra quality inspection certificate	1		

Description	CST3						
	6A	10A	16A	25A	32A	40A	63A
	Stage number						
1-polar ON-OFF	1	1	1	1	1	1	1
2-polar ON-OFF	1	1	1	1	1	1	1
3-polar ON-OFF	2	2	2	2	2	2	2
4-polar ON-OFF	2	2	2	2	2	2	2
5-polar ON-OFF	3	3	3	3	3	3	3
6-polar ON-OFF	3	3	3	3	3	3	3

OUTPUT SIDE	1A	1B	1C	1D	1E	1F	1G	1H	1I	1J	1K	1L
INPUT SIDE	1A	1B	1C	1D	1E	1F	1G	1H	1I	1J	1K	1L
POLES	1	2	3	4	5	6	7	8	9	10	11	12
OFF												
ON	X	X	X	X	X	X	X	X	X	X	X	X

CST3 SERIES Isolators

WIRING DIAGRAMS AND CODING

ISOLATORS CST3

CODING OF CST3 SERIES

Isolator CST3-	0	XX	O	F	00
Rated current:					
6 A	A				
10 A	B				
16 A	C				
25 A	D				
32 A	E				
40 A	F				
63 A	G				
100 A	H				
200 A	I				
Angle:					
45°	4				
60°	6				
90°	9				
Rotation angle:					
360° *	T				
less than 360°	L				
Pole:					
1 pole	1				
2 poles	2				
....	...				
9 poles	9				
10 poles	A				
11 poles	B				
12 poles	C				
Front plate colour:					
silver background and black knob	A				
yellow background and red knob	Y				
Acceptance tests:					
without additional quality requirements	0				
with an extra quality inspection certificate	1				
Version:					
standard	00				
custom-made**	XX				

* - only for rotation angle 90°

** - only after agreeing with the manufacturer

CST4 SERIES Selector Switches

WIRING DIAGRAMS AND CODING

SELECTOR SWITCHES CST4

Ordering code CST4-69LXXOF__00



Selector switch CST4-	69LXXOF			00
Rated current:				
6 A	A			
10 A	B			
16 A	C			
20 A	D			
Front plate colour:				
silver background and black knob	A			
yellow background and red knob	Y			
Acceptance tests:				
without additional quality requirements		0		
with an extra quality inspection		1		

CST4-C69LXXOFA000

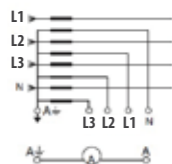
- Selector switch 16A, do amperomierz, 5-way L123/N/OFF, rotation angle <360°, with OFF, rectangular knob, silver background, black knob

CST4-C69LXXOFY000

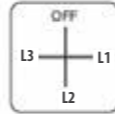
- Selector switch 16A, do amperomierz, 5-way L123/N/OFF, rotation angle <360°, with OFF, rectangular knob, yellow background, red knob

Description	CST4		
	6A	10A	16A
	Stage number		
5-way for the ammeter	4	4	4

OUTPUT SIDE	A1	A2			
INPUT SIDE	L1	L2	L3	N	
OFF					
L1	X				X
L2	X	X			X
L3	X	X	X		X
N	X	X	X	X	X



Ordering code CST4-97TXXOF__00



Selector switch CST4-	97TXXOF			00
Rated current:				
6 A	A			
10 A	B			
16 A	C			
20 A	D			
Front plate colour:				
silver background and black knob	A			
yellow background and red knob	Y			
Acceptance tests:				
without additional quality requirements		0		
with an extra quality inspection		1		

CST4-C97TXXOFA000

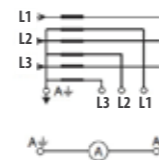
- Selector switch 16A, do amperomierz, 4-way L123/OFF, rotation angle 360°, with OFF, rectangular knob, silver background, black knob

CST4-C97TXXOFY000

- Selector switch 16A, do amperomierz, 4-way L123/OFF, rotation angle 360°, with OFF, rectangular knob, yellow background, red knob

Description	CST4		
	6A	10A	16A
	Stage number		
4-way for the ammeter	3	3	3

OUTPUT SIDE	A2	A1			
INPUT SIDE	L1	L2	L3		
OFF	X	X			X
L1		X	X		X
L2	X		X		X
L3	X	X			X

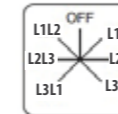


CST4 SERIES Selector Switches

WIRING DIAGRAMS AND CODING

SELECTOR SWITCHES CST4

Ordering code CST4-4HLXXOF__00



Selector switch CST4-	4HLXXOF			00
Rated current:				
6 A	A			
10 A	B			
16 A	C			
20 A	D			
Front plate colour:				
silver background and black knob	A			
yellow background and red knob	Y			
Acceptance tests:				
without additional quality requirements		0		
with an extra quality inspection		1		

CST4-C4HLXXOFA000

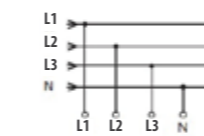
- Selector switch 16A, do woltomierz, 7-way L-L/L-N/OFF, rotation angle <360°, with OFF, rectangular knob, silver background, black knob

CST4-C4HLXXOFY000

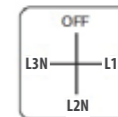
- Selector switch 16A, do woltomierz, 7-way L-L/L-N/OFF, rotation angle <360°, with OFF, rectangular knob, yellow background, red knob

Description	CST4		
	6A	10A	16A
	Stage number		
Phase and phase-to-phase voltages	3	3	3

OUTPUT SIDE	V2	V1			
INPUT SIDE	L3	L2	L1	N	
L3L1	X		X		X
L2L2	X	X			X
L1L2			X	X	
OFF					
L1N			X	X	
L2N		X		X	
L3N	X			X	



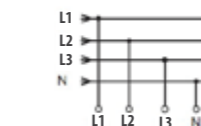
Ordering code CST4-9BTXXOF__00



Selector switch CST4-	9BTXXOF			00
Rated current:				
6 A	A			
10 A	B			
16 A	C			
20 A	D			
Front plate colour:				
silver background and black knob	A			
yellow background and red knob	Y			
Acceptance tests:				
without additional quality requirements		0		
with an extra quality inspection		1		

Description	CST4		
	6A	10A	16A
	Stage number		
Phase voltages	3	3	3

OUTPUT SIDE	V1	V2			
INPUT SIDE	N	L1	N	L2	N
OFF	X	X			
L1L2			X	X	
L2L3				X	X
L3L1					X



CST4 SERIES Selector Switches

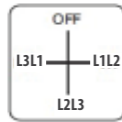
CST1/CST2/CST3/CST4 SERIES CAM Switches

WIRING DIAGRAMS AND CODING

ACCESSORIES - ORDERING

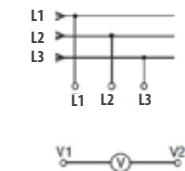
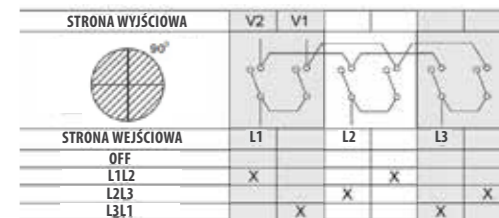
SELECTOR SWITCHES CST4

Ordering code CST4-98TXXOF__00



Selector switch CST4-	98TXXOF		00
Rated current:			
6 A	A		
10 A	B		
16 A	C		
20 A	D		
Front plate colour:			
silver background and black knob	A		
yellow background and red knob	Y		
Acceptance tests:			
without additional quality requirements		0	
with an extra quality inspection		1	

Description	CST4		
	6A	10A	16A
	Stage number		
Phase-to-phase voltages	3	3	3



CODING OF CST4

Selector switch CST4-					X	XX	O	F		00
Rated current:										
6 A	A									
10 A	B									
16 A	C									
20 A	D									
Meter type:										
Ammeter L123/OFF/90°										97
Ammeter RYB/OFF 90°										91
Ammeter L123/N/OFF/60°										69
Ammeter RYB/N/OFF 60°										62
Voltmeter L1L2,L2L3,L3L1/L1N,L2N,L3N/OFF/45°										4H
Voltmeter RY,YB, BR,RN,YN,BN/OFF 45°										43
Voltmeter L1L2,L2L3,L3L1/OFF/90°										98
Voltmeter RY,YB,BR/OFF/90°										94
Voltmeter L1N,L2N,L3N /OFF/90°										9B
Voltmeter RN,YN,BN/OFF/90°										95
Rotation angle:										
less than 360o **					L					
						X				
							XX			
								0		
									F	
Front plate colour:										
Silver background and black knob										A
Yellow background and red knob										Y
Acceptance tests:										
Without additional quality requirements										0
With an extra quality inspection certificate										1
Version:										
Standard										00
Custom-made***										XX

* - only for rotation angle 90o
 ** - only for rotation angle 45o i 60o
 *** - only after agreeing with the manufacturer

Note: Please consult Sifam Tinsley for further availability of Meter type captions/symbols

Description	View
CAM SWITCH KNOB (Black)	
CAM SWITCH KNOB (Red)	
FRONT PLATE CAM SWITCH (Yellow)	
Yellow BLANK PAPER FOR MARKING PLATE	
Yellow BLANK PAPER FOR NAME PLATE	
BLANK NAME PLATE	
BLANK MARKING PLATE	
SCREWS AND NUTS	

