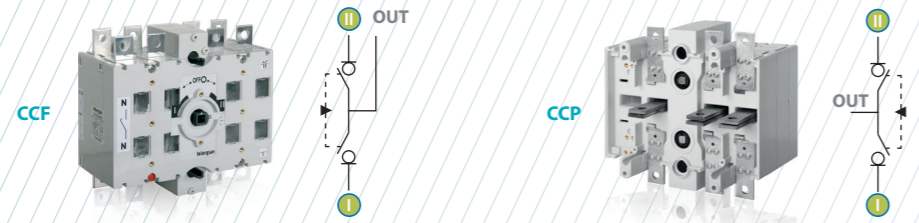
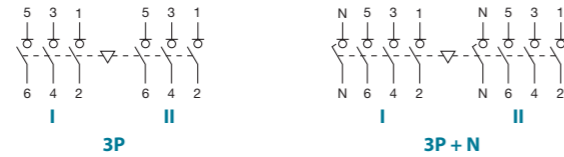


CCF | CCP Changeover switch base mounting 3P - 3P+N

Size 1
A 200|250|315|400



Series	Poles	Code			
		200A	250A	315A	400A
CCF	3P	CCF02003PS0	CCF02503PS0	CCF03153PS0	CCF04003PS0
	3P+N	CCF02003NS0	CCF02503NS0	CCF03153NS0	CCF04003NS0
CCP	3P	CCP02003PS0	CCP02503PS0	CCP03153PS0	CCP04003PS0
	3P+N	CCP02003NS0	CCP02503NS0	CCP03153NS0	CCP04003NS0



Technical information

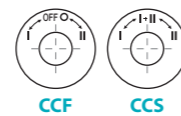


According to IEC 60947-3

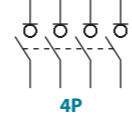
			200	250	315	400
Rated thermal current	I _{th} in ambient at 40° C	A	200	250	315	400
Rated insulation voltage	U _i	V	1000	1000	1000	1000
Rated impulse withstand voltage	U _{imp}	kV	8	8	8	8
AC Rated operational current ^{*(1)}	I _e U _e 400V AC21A	A	200	250	315	400
(Rated operational frequency 50/60 Hz)	U _e 400V AC22A	A	200	250	315	400 ^{*(3)}

^{*(1)} Other voltages and/or utilization categories; please consult
^{*(2)} Without limiting protective device (short - circuit maintained 50 ms. - 100 ms.)
^{*(3)} AC22B

			200	250	315	400
Rated breaking capacity	400V AC22	A	600	750	945	1200
Rated making capacity	400V AC22	A	600	750	945	1200
Short - circuit behaviour						
Short - circuit making capacity ^{*(2)}	I _{cm}	kA (peak)	12	12	12	12
Short - time withstand current (1 sec.)	I _{cw}	kA rms	8	8	8	8
Number of mechanical operations (according to the standards, for other values please consult) ^{*(3)}	Cycles		8000	8000	8000	5000
Maximum weight (3/4 poles)		Kg	4,8/5,3	4,8/5,3	5/5,5	5/5,5
		Kg	5,3/5,9	5,3/5,9	5,5/6	5,5/6



There are versions of changeover switches without OFF 0 position: "overlapped contacts": CCF (I - I+II - II) = CCS, please consult

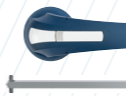


Also available 4P changeover switches under request, please consult

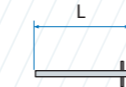
Accessories



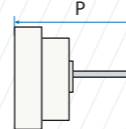
Direct handle
CODE DCCL11



External handle included shaft^{*(e1)}
IP65
CODE DCCLA11



Shafts
Standard shaft included^{*(e1)}
L (mm) | P (mm) | CODE
227 | 166... 293 |



Shaft extensions
Type 1
L (mm) | P (mm) | CODE
375 | 166... 442 | DS-EP14
Type 2
L (mm) | P (mm) | CODE
536 | 166... 602 | DS-EP15



Rear protective plate
3P | 4P
DCCPP11 | DCCPP12



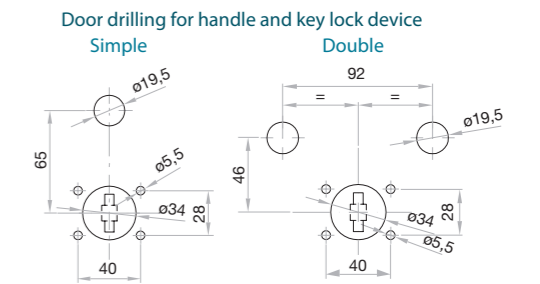
Terminal shrouds
Inputs | Common output
POS. I | POS. II | POS. I&II | |
3P | 3P | 3P+N | 3P | 3P+N
DM2CU12 | DM2CU11 | DM2CU13 | DCCCU11 | DCCCU12



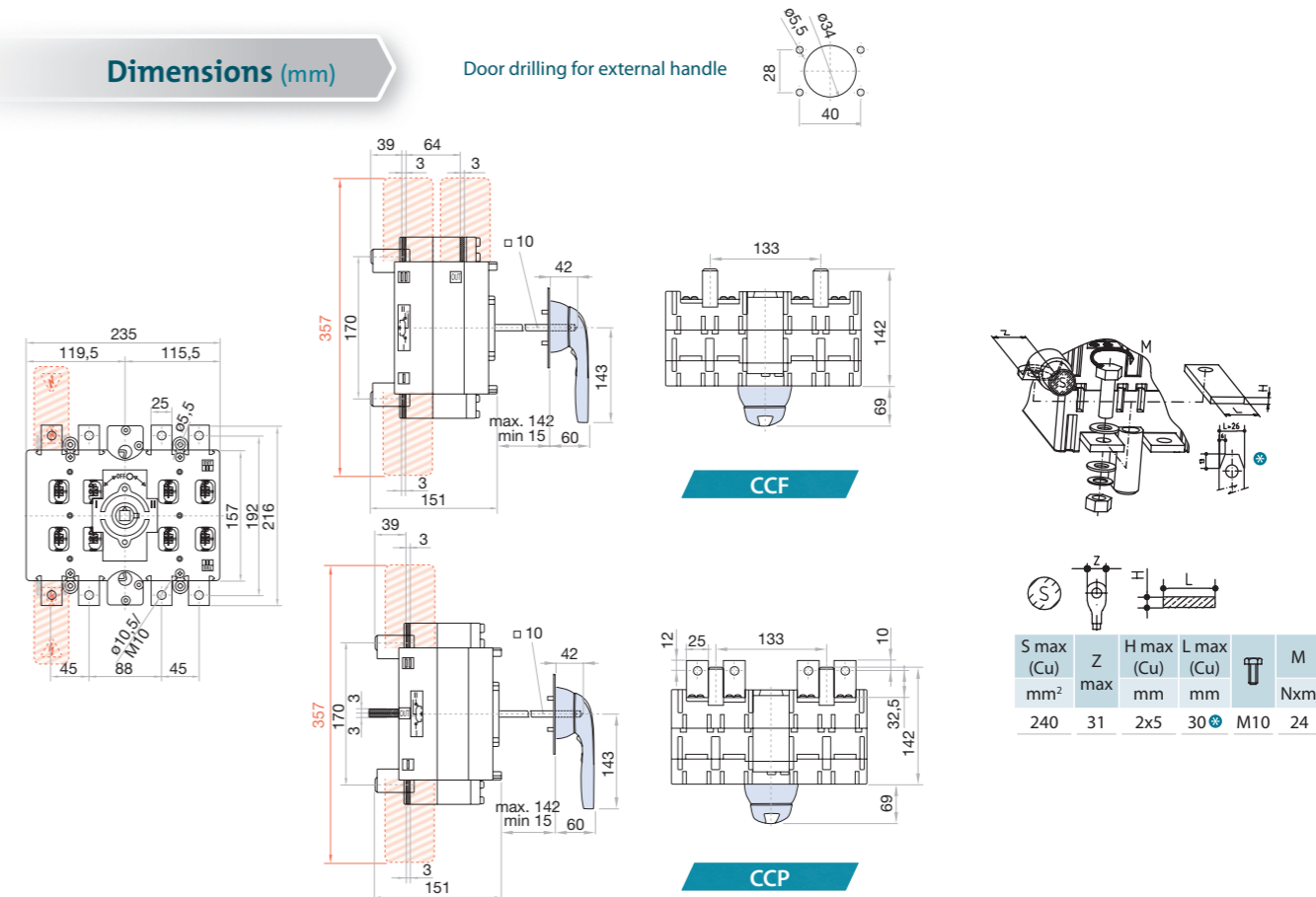
Auxiliary contacts
1NO+1NC CODE D5LAU01
2NO+2NC CODE D5LAU02
I_e = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.



Safety key lock device
Simple CODE D5LCB11
Double CODE D5LCF11
For external handle, lock the handle by means of a key in position "OFF" (under request, in "ON"), the key can only be removed with the handle locked

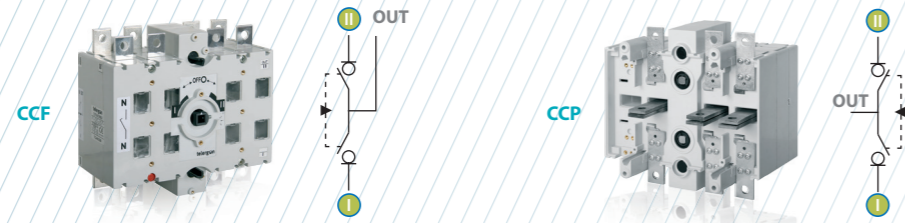


Dimensions (mm)

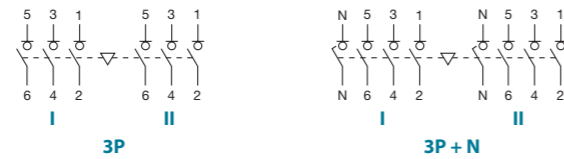


CCF|CCP Changeover switch base mounting 3P - 3P+N

Size 2
A 500|630|800



Series	Poles	CODE-500A			CODE-630A			CODE-800A		
		3P	3P+N	3P+N	3P	3P+N	3P+N	3P	3P+N	3P+N
CCF	3P	CCF05003PS0	CCF06303PS0	CCF08003PS0						
	3P+N	CCF05003NS0	CCF06303NS0	CCF08003NS0						
CCP	3P	CCP05003PS0	CCP06303PS0	CCP08003PS0						
	3P+N	CCP05003NS0	CCP06303NS0	CCP08003NS0						



Technical information

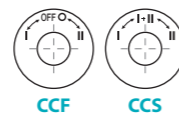


According to IEC 60947-3

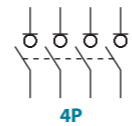
			500	630	800
Rated thermal current	I _{th} in ambient at 40° C	A	500	630	800
Rated insulation voltage	U _i	V	1000	1000	1000
Rated impulse withstand voltage	U _{imp}	kV	12	12	12
AC Rated operational current ^{*(1)}	I _e U _e 400V AC21A	A	500	630	800
(Rated operational frequency 50/60 Hz)	U _e 400V AC22B	A	500	630	800

^{*(1)} Other voltages and/or utilization categories; please consult
^{*(2)} Without limiting protective device (short - circuit maintained 50 ms. - 100 ms.)
^{*(3)} AC22B

			500	630	800
Rated breaking capacity	400V AC22	A	1500	1890	2400
Rated making capacity	400V AC22	A	1500	1890	2400
Short - circuit behaviour					
Short - circuit making capacity ^{*(2)}	I _{cm}	kA (peak)	20	20	20
Short - time withstand current (1 sec.)	I _{cw}	kA rms	13	13	13
Number of mechanical operations (according to the standards, for other values please consult)	Cycles		5000	5000	3000
Maximum weight (3/4 poles)		Kg	11,5/12,6/11,5/12,6/11,9/13,2		
		Kg	12,8/14,3/12,8/14,3	13/14,6	



There are versions of changeover switches without OFF 0 position "overlapped contacts":
CCF (I - I+II - II) = **CCS**....., please consult

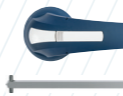


Also available 4P changeover switches under request, please consult

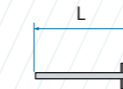
Accessories



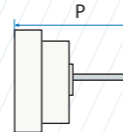
» Direct handle
CODE DCCL121



» External handle included shaft^{*(e1)}
IP65
CODE DCCLA21



» Shafts
Standard shaft included^{*(e1)}
L (mm) | P (mm) | CODE
195 | 195... 272 |



» Shaft extensions
Type 1
L (mm) | P (mm) | CODE
345 | 195... 422 | DS-EP23
Type 2
L (mm) | P (mm) | CODE
535 | 195... 612 | DS-EP24



» Rear protective plate
3P | 4P
DCCPP21 | DCCPP22



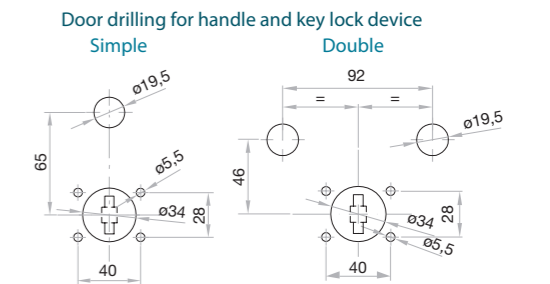
» Terminal shrouds
Inputs | Common output
POS. I | POS. II | POS. I&II | |
3P | 3P | 3P+N | 3P | 3P+N
DM2CU22 | DM2CU21 | DM2CU23 | DCCCU21 | DCCCU22



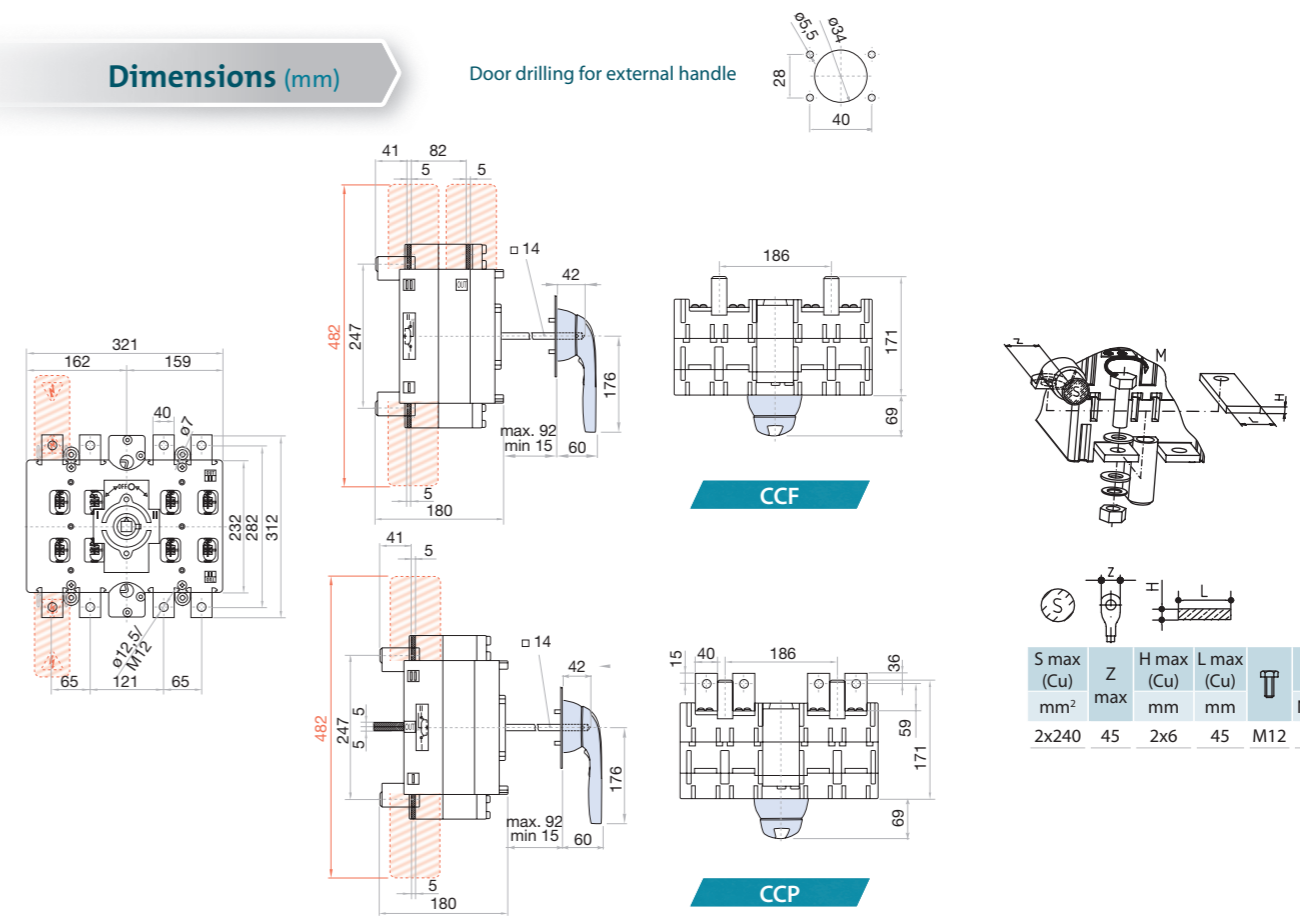
» Auxiliary contacts
1NO+1NC CODE D5LAU01
2NO+2NC CODE D5LAU02
I_e = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.



» Safety key lock device
Simple CODE D5LCB21
Double CODE D5LCF21
For external handle, lock the handle by means of a key in position "OFF" (under request, in "ON"), the key can only be removed with the handle locked

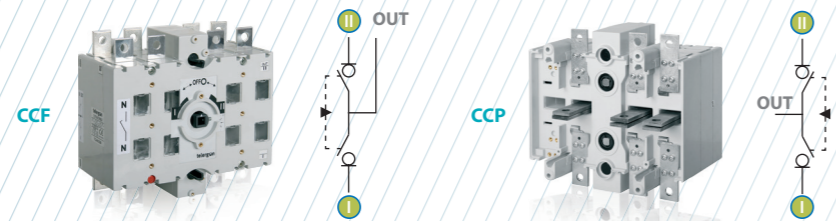


Dimensions (mm)

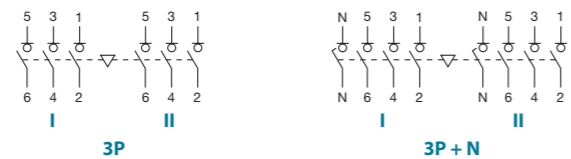


CCF | CCP Changeover switch base mounting 3P - 3P+N

Size 3
A 1000 | 1250



Series	Poles	CODE-1000A		CODE-1200A	
		3P	3P+N	3P	3P+N
CCF	3P	CCF10003PS0	CCF10003NS0	CCF12503PS0	CCF12503NS0
	3P+N	CCF10003PS0	CCF10003NS0	CCF12503PS0	CCF12503NS0
CCP	3P	CCP10003PS0	CCP10003NS0	CCP12503PS0	CCP12503NS0
	3P+N	CCP10003PS0	CCP10003NS0	CCP12503PS0	CCP12503NS0



Technical information

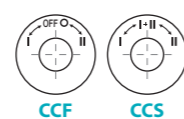


According to IEC 60947-3

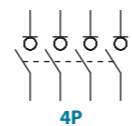
			1000	1250
Rated thermal current	I _{th} in ambient at 40° C	A	1000	1250
Rated insulation voltage	U _i	V	1000	1000
Rated impulse withstand voltage	U _{imp}	kV	12	12
AC Rated operational current ^{*(1)}	I _e U _e 400V AC21A	A	1000	1250
(Rated operational frequency 50/60 Hz)	U _e 400V AC22B	A	1000	1250

			1000	1250
Rated breaking capacity	400V AC22	A	3000	3750
Rated making capacity	400V AC22	A	3000	3750
Short - circuit behaviour				
Short - circuit making capacity ^{*(2)}	I _{cm}	kA (peak)	32	32
Short - time withstand current (1 sec.)	I _{cw}	kA rms	25	25
Number of mechanical operations (according to the standards, for other values please consult)	Cycles		3000	3000
Maximum weight (3/4 poles)				
	CCF	Kg	22,5 / 25	24,3 / 27,3
	CCP	Kg	25 / 28,3	26 / 29,7

^{*(1)} Other voltages and/or utilization categories; please consult
^{*(2)} Without limiting protective device (short - circuit maintained 50 ms. - 100 ms.)

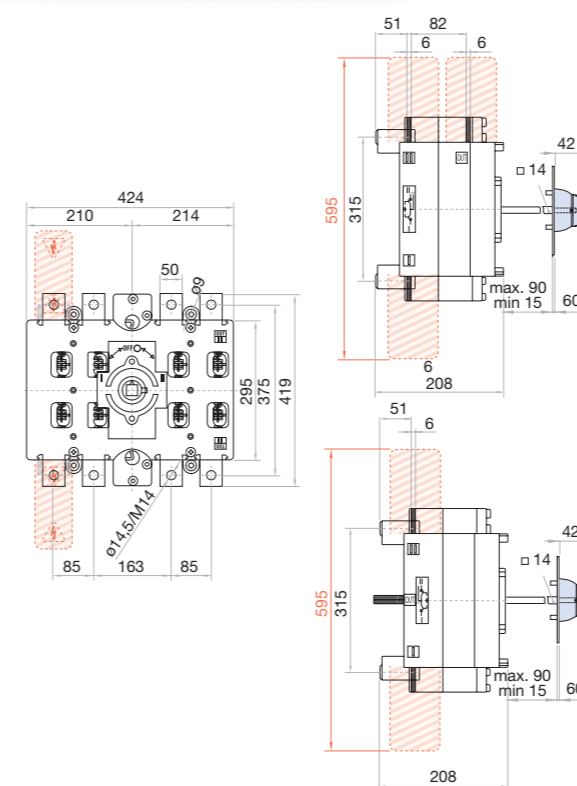


There are versions of changeover switches without OFF 0 position: "overlapped contacts":
CCF (I - I+II - II) = CCS....., please consult

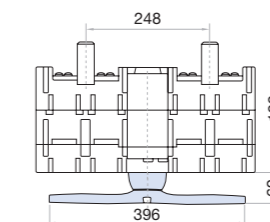


Also available 4P changeover switches under request, please consult

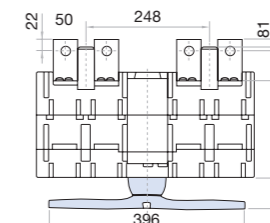
Dimensions (mm)



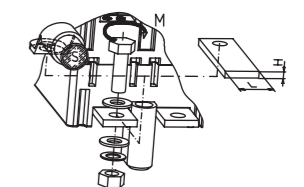
Door drilling for external handle



CCF



CCP



H max (Cu)	L max (Cu)	T	M
mm	mm		Nxm
2x10	60	M14	55

Accessories

Direct handle

CODE DCCLI31



External handle

IP65
CODE DCCLA31



Shafts

Standard shaft included^{*(e1)}

L (mm)	P (mm)	CODE
186	223... 298	

Shaft extensions

Type 1		
L (mm)	P (mm)	CODE
345	223... 457	DS-EP23
Type 2		
L (mm)	P (mm)	CODE
535	223... 645	DS-EP24

Rear protective plate

3P DCCPP31 | 4P DCCPP32



Terminal shrouds

POS. I 3P	Inputs POS. II 3P	POS. I&II 3P+N	Common output	
DM2CU32	DM2CU31	DM2CU33	DCCCU31	DCCCU32



Auxiliary contacts

1NO+1NC CODE D5LAU01
2NO+2NC CODE D5LAU02



I_e = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.

Safety key lock device

Simple CODE D5LCB31
Double CODE D5LCF31

For external handle, lock the handle by means of a key in position "OFF" (under request, in "ON"), the key can only be removed with the handle locked

Door drilling for handle and key lock device

