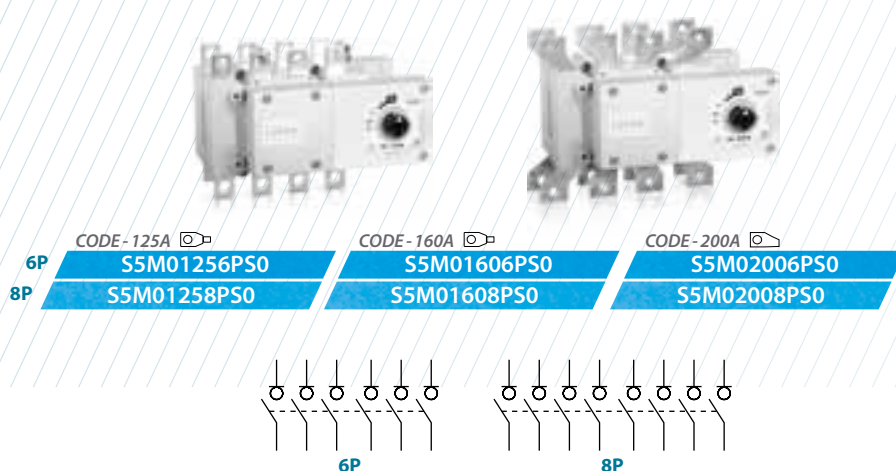


S5000M AC Switch - disconnecter base mounting 6P - 8P

Size 0
A 125|160|200



Technical information



According to IEC/EN 60947-3

		125 160 200		
Rated thermal current in ambient at	Ith	40 °C	A	125 160 200
		50 °C	A	125 160 200
		60 °C	A	125 160 200
Rated insulation voltage	Ui	V	1000	1000 1000
Rated dielectric strength	50 Hz., 1 min.	V	4000	4000 4000
Rated impulse withstand voltage	Uimp	kV	8	8 8
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	Ie	Ue 400V AC21A	A	125 160 200
		Ue 400V AC22A	A	125 160 200
		Ue 400V AC23A	A	125 160 160
		Ue 500V AC21A	A	125 160 200
		Ue 500V AC22A	A	125 160 200
		Ue 500V AC23A	A	100 125 125
AC rated operational power ^{*(2)}	Pe	3x400V AC23A	kW	69,2 88,6 88,6
Rated capacitor power	400V, sen φ = 0,65	kVAr	56,2 72 72	
Rated breaking capacity	400V	AC23A	A	1000 1280 1280
Rated making capacity	400V	AC23A	A	1250 1600 1600

^{*(1)} Other voltages and / or utilization categories. Please consult

^{*(2)} Indicative values: current values vary from one motor manufacturer to another

^{*(3)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

^{*(4)} With a protective device limiting the cut - off current and the joule integral to the indicated values

^{*(5)} Please consult us for more operations

		125	160	200
Short - circuit behaviour				
Rated short-circuit making capacity ^{*(3)}	Icm kA (peak)	13	13	13
Rated short-time withstand current (1sec.)	Icw kA rms	7	7	7
Conditional short - circuit current (rms value) ^{*(4)}	kA rms	100	100	100
Maximum cut - off current (peak value)	kA (peak)	17	20	20
Maximum power dissipation (I ² t)	A ² s (x10 ³)	55	198	198
Mechanical features				
Minimum number of mechanical operations ^{*(5)}	Cycles	30000	30000	30000
Maximum weight 6P		1,8	1,8	1,9
Maximum weight 8P		2,1	2,1	2,2

Accessories



» Direct handle

CODE DS-SI01



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

IP65
CODE DS-LA01



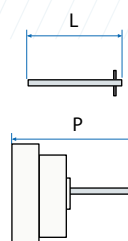
» Emergency external handle included shaft ^{*(e1)}

IP65
CODE DS-LR01

» Shafts

Standard shaft included ^{*(e1)}

L (mm) 177 P (mm) 155... 263



» Terminal protection

CODE DS-CU01
(1 unit for input or output only frontal side)



» Auxiliary contacts

1NO+1NC CODE DS-AU11
2NO+2NC CODE DS-AU12

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



» Safety key lock devices

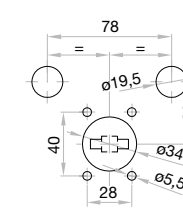
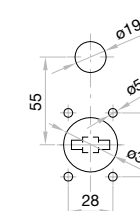
Simple CODE DS-CAB1
Double CODE DS-CEB1

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 keylock device

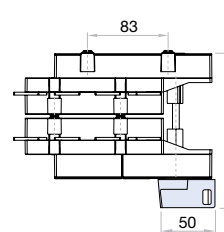
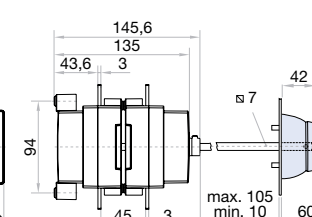
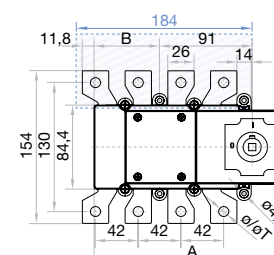
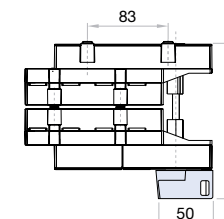
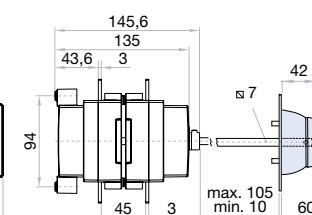
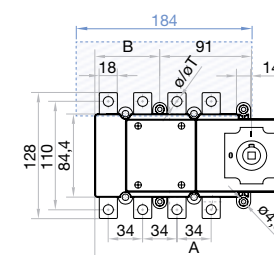
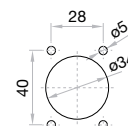
Simple

Double



Dimensions (mm)

Door drilling for external handle



	A	B	
6P	181	192	53
8P	192	203	64

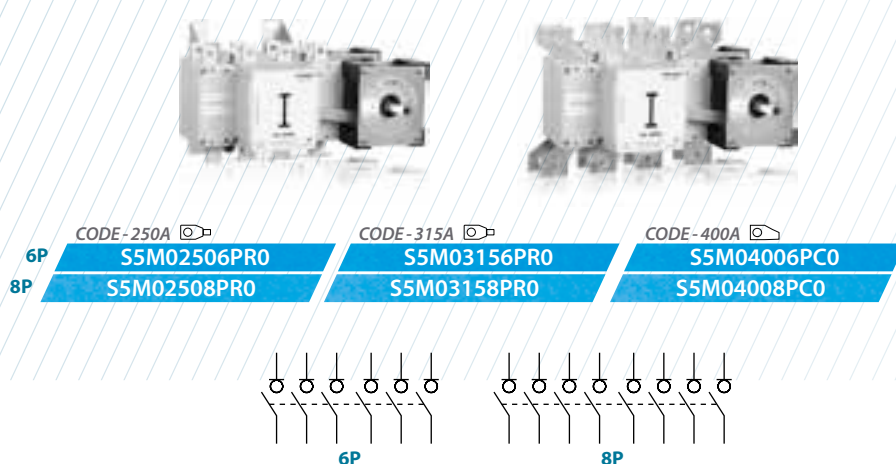
S max (Cu)	H max (Cu)	L max (Cu)	M
mm ²	mm	mm	Nxm
95	5	25	M8 13

	A	B	
6P	181	192	53
8P	192	203	64

S max (Cu)	H max (Cu)	L max (Cu)	M
mm ²	mm	mm	Nxm
120	30	5	30 M10 18

S5000M AC Switch - disconnecter base mounting 6P - 8P

Size 1
A 250|315|400



Technical information

According to IEC/EN 60947-3

		250 315 400			
Rated thermal current in ambient at	Ith	40 °C	A	250	315 400
		50 °C	A	250	315 400
		60 °C	A	250	315 320
Rated insulation voltage	Ui	V		1000	1000 1000
Rated dielectric strength	50 Hz., 1 min.	V		5000	5000 5000
Rated impulse withstand voltage	Uimp	kV		8	8 8
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	Ie	Ue 400V AC21A	A	250	315 400
		Ue 400V AC22A	A	250	315 400
		Ue 400V AC23A	A	250	315 400
		Ue 500V AC21A	A	250	315 400
		Ue 500V AC22A	A	250	315 400
AC rated operational power ^{*(2)}	Pe	3x400V AC23A	A	200	250 315
Rated capacitor power	400V, sen φ = 0,65	kVar		112,5	141,8 180,1
Rated breaking capacity	400V	AC23A	A	2000	2520 3200
Rated making capacity	400V	AC23A	A	2500	3150 4000

^{*(1)} Other voltages and / or utilization categories. Please consult

^{*(2)} Indicative values: current values vary from one motor manufacturer to another

^{*(3)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

^{*(4)} With a protective device limiting the cut - off current and the joule integral to the indicated values

^{*(5)} Please consult us for more operations

		250	315	400
Short - circuit behaviour				
Rated short-circuit making capacity ^{*(3)}	Icm kA (peak)	20	20	20
Rated short-time withstand current (1sec.)	Icw kA rms	12	12	12
Conditional short - circuit current (rms value) ^{*(4)}	kA rms	100	100	100
Maximum cut - off current (peak value)	kA (peak)	33	33	33
Maximum power dissipation (I ² t)	A ² s (x10 ³)	1000	1000	1000
Mechanical features				
Minimum number of mechanical operations ^{*(5)}	Cycles	20000	20000	20000
Maximum weight 6P	Kg	5,5	5,5	5,7
Maximum weight 8P	Kg	5,8	5,8	6

Accessories



» Direct handle

CODE DS-LI12



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

IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-LA12



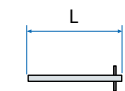
» External handle without shaft

IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-LA15



» Emergency external handle included shaft ^{*(e1)}

IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-LR12



» Shafts

Standard shaft included ^{*(e1)}

L (mm) 277 P (mm) 288... 422

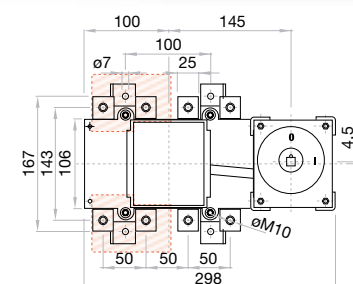


» Auxiliary contacts

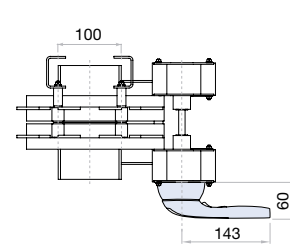
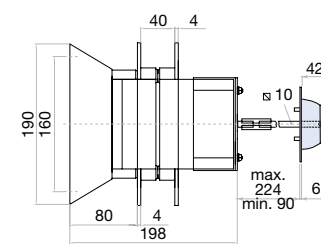
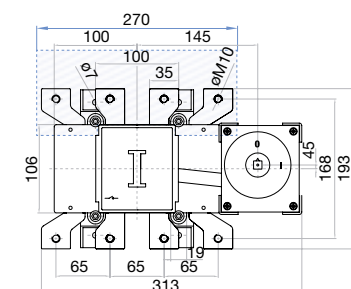
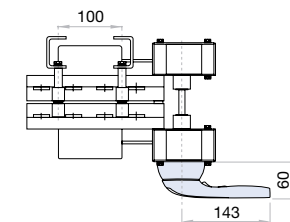
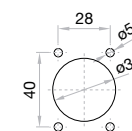
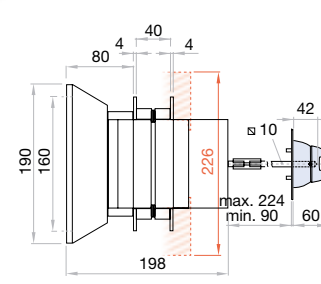
1NO+1NC CODE DS-AU11
2NO+2NC CODE DS-AU12

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

Dimensions (mm)



Door drilling for external handle



» Terminal protection

CODE DS-CU12

(1 unit for input or output only frontal side)



» Terminal shrouds

CODE DS-CU11

(1 kit for input or output only frontal side)



» Safety key lock devices

Simple CODE DS-CB12

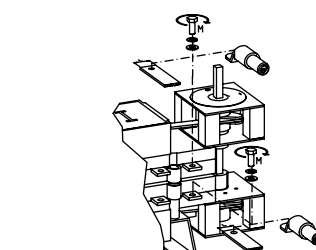
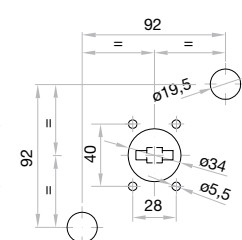
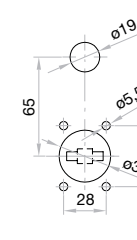
Double CODE DS-CF11

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

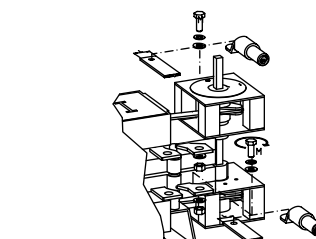
Door drilling for handle and keylock device

Simple

Double



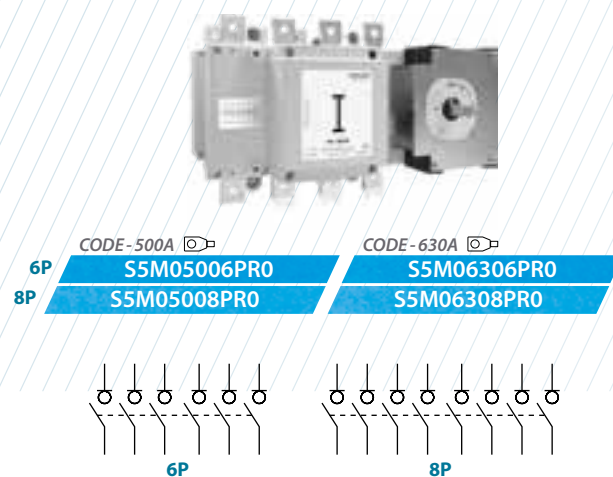
	S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	M	M
250 A 315 A	185	7	25	M10	18



	S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	M	M
400 A	240	7	40	M10	24

S5000M AC Switch - disconnecter base mounting 6P - 8P

Size 2
A 500|630



Technical information

According to IEC/EN 60947-3

					500	630
Rated thermal current in ambient at	Ith	40 °C	A	500	630	
		50 °C	A	500	630	
		60 °C	A	500	630	
Rated insulation voltage	Ui		V	1000	1000	
Rated dielectric strength	50 Hz., 1 min.		V	8000	8000	
Rated impulse withstand voltage	Uimp		kV	12	12	
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	Ie	Ue 400V	AC21A	A	500	630
		Ue 400V	AC22A	A	500	630
		Ue 400V	AC23A	A	500	630
		Ue 500V	AC21A	A	500	630
		Ue 500V	AC22A	A	500	630
		Ue 500V	AC23A	A	400	500
AC rated operational power ^{*(2)}	Pe	3x400V	AC23A	kW	277,1	349,1
Rated capacitor power	400V, sen φ = 0,65		kVAr	225,1	283,7	
Rated breaking capacity	400V	AC23A	A	4000	5000	
Rated making capacity	400V	AC23A	A	5000	6300	

^{*(1)} Other voltages and / or utilization categories. Please consult

^{*(2)} Indicative values: current values vary from one motor manufacturer to another

^{*(3)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

^{*(4)} With a protective device limiting the cut - off current and the joule integral to the indicated values

^{*(5)} Please consult us for more operations

			500	630
Short - circuit behaviour				
Rated short-circuit making capacity ^{*(3)}	I _{cm}	kA (peak)	26	26
Rated short-time withstand current (1sec.)	I _{cw}	kA rms	16	16
Conditional short - circuit current (rms value) ^{*(4)}		kA rms	100	100
Maximum cut - off current (peak value)		kA (peak)	39	39
Maximum power dissipation (I ² t)		A ² s (x10 ³)	1600	1600
Mechanical features				
Minimum number of mechanical operations ^{*(5)}		Cycles	10000	10000
Maximum weight 6P		Kg	12,3	12,3
Maximum weight 8P		Kg	13	13

Accessories



» Direct handle

CODE DS-LI22



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

IP65|UL50E/NEMA 250

Types: 1, 3R, 4, 4X y 12

CODE DS-LA22



» Emergency external handle included shaft ^{*(e1)}

IP65|UL50E/NEMA 250

Types: 1, 3R, 4, 4X y 12

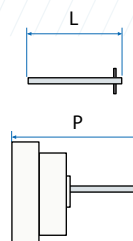
CODE DS-LR22

» Shafts

Standard shaft included ^{*(e1)}

L (mm) 239

P (mm) 325... 490



» Terminal shrouds

CODE DS-CU21

(1 kit for input or output only frontal side)



» Auxiliary contacts

1NO+1NC CODE DS-AU11

2NO+2NC CODE DS-AU12

I_e = 16 A (resistive loads)

4 A (inductive loads) at 250 Vac.



» Safety key lock devices

Simple CODE DS-CB21

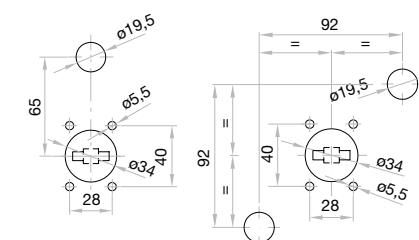
Double CODE DS-CF21

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 keylock device

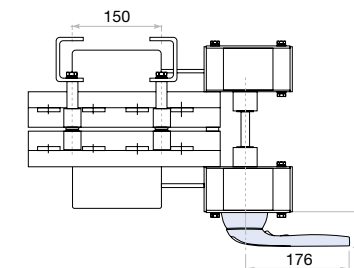
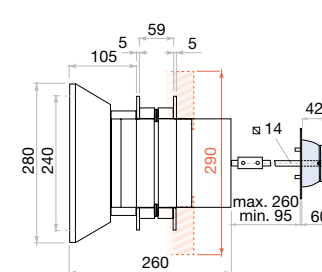
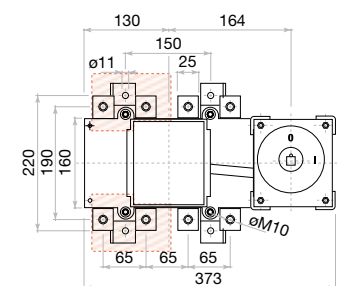
Simple

Double

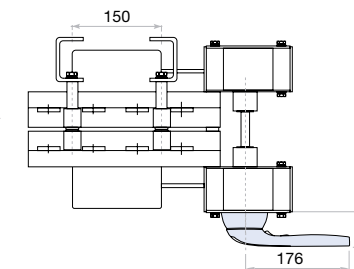
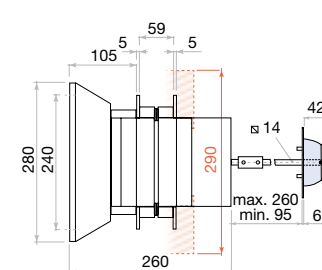
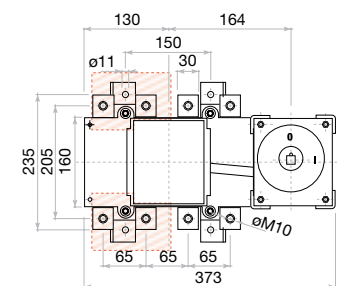


Dimensions (mm)

Door drilling for external handle



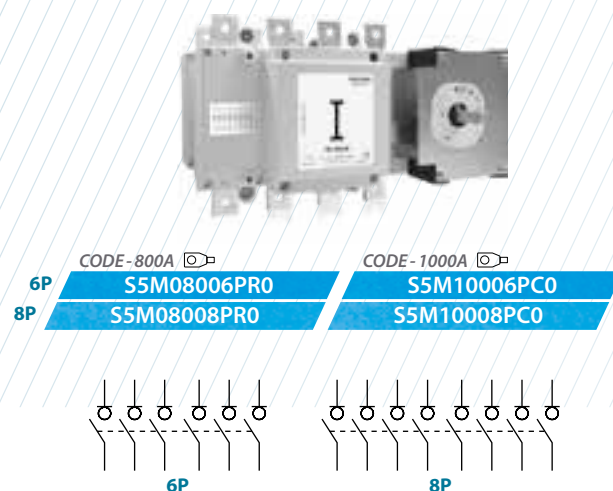
								
S max (Cu)	H max (Cu)	L max (Cu)						
mm ²	mm	mm						
500 A	2x185	6	40	M10	24			



				
S max (Cu)	H max (Cu)	L max (Cu)		M
mm ²	mm	mm		Nxm
630 A	2x240	2x5	40	M10

S5000M AC Switch - disconnecter base mounting 6P - 8P

Size 3
A 800|1000



Technical information

According to IEC/EN 60947-3

				800	1000
Rated thermal current in ambient at	Ith	40 °C	A	800	1000
		50 °C	A	800	1000
		60 °C	A	800	900
Rated insulation voltage	Ui	V		1000	1000
Rated dielectric strength	50 Hz., 1 min.	V		8000	8000
Rated impulse withstand voltage	Uimp	kV		12	12
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	Ie	Ue 400V AC21A	A	800	1000
		Ue 400V AC22A	A	800	1000
		Ue 400V AC23A	A	800	1000
		Ue 500V AC21A	A	800	1000
		Ue 500V AC22A	A	800	1000
		Ue 500V AC23A	A	800	800
AC rated operational power ^{*(2)}	Pe	3x400V AC23A	kW	443,4	554,2
Rated capacitor power		400V, sen φ = 0,65	kVar	360,2	450,3
Rated breaking capacity		400V AC23A	A	6400	8000
Rated making capacity		400V AC23A	A	8000	10000

^{*(1)} Other voltages and / or utilization categories. Please consult

^{*(2)} Indicative values: current values vary from one motor manufacturer to another

^{*(3)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

^{*(4)} With a protective device limiting the cut - off current and the joule integral to the indicated values

^{*(5)} Please consult us for more operations

			800	1000
Short - circuit behaviour				
Rated short-circuit making capacity ^{*(3)}	Icm	kA (peak)	60	60
Rated short-time withstand current (1sec.)	Icw	kA rms	25	25
Conditional short - circuit current (rms value) ^{*(4)}		kA rms	72	72
Maximum cut - off current (peak value)		kA (peak)	55	55
Maximum power dissipation (I ² t)	A ² s (x10 ³)		4900	4900
Mechanical features				
Minimum number of mechanical operations ^{*(5)}	Cycles		10000	10000
Maximum weight 6P		Kg	18,5	18,5
Maximum weight 8P		Kg	20	20

Accessories

Direct handle

CODE DS-LI41

External handle included shaft ^{*(e1)}

IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-LA41

External handle without shaft

IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-LA43

Emergency external handle included shaft ^{*(e1)}

IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-LR41

Shafts

Standard shaft included ^{*(e1)}
L (mm) 239
P (mm) 408... 573

Terminal shrouds

CODE DS-CU31
(1 kit for input or output only frontal side)

Auxiliary contacts

1NO+1NC CODE DS-AU11
2NO+2NC CODE DS-AU12

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

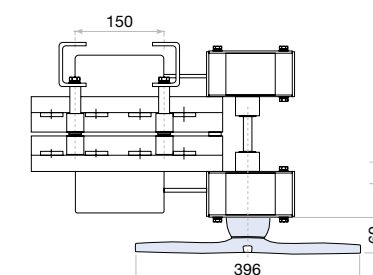
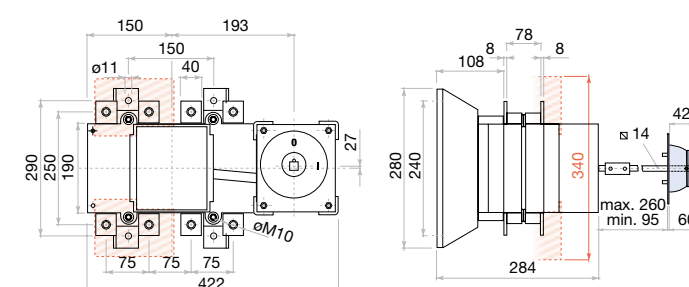
Safety key lock devices

Simple CODE DS-CB41
Double CODE DS-CF41

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 keylock device
Simple Double

Dimensions (mm)



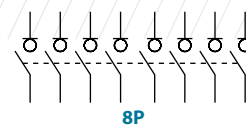
	S max (Cu)	H max (Cu)	L max (Cu)	M
	mm ²	mm	mm	Nxm
800 A	2x240	2x10	50	M14
1000 A	2x300	2x10	50	M14

S5000M AC Switch - disconnecter base mounting 6P - 8P

Size 4
A 1250|1600|1800|2000



6P	CODE-1250A	CODE-1600A	CODE-1800A	CODE-2000A
	S5M12506PS0	S5M16006PS0	S5M18006PS0	S5M20006PD0
8P	S5M12508PS0	S5M16008PS0	S5M18008PS0	S5M20008PD0



Technical information



According to IEC/EN 60947-3

			1250	1600	1800	2000
Rated thermal current in ambient at	Ith	40 °C	A 1250	1600	1800	2000
		50 °C	A 1250	1600	1620	1800
		60 °C	A 1000	1440	1440	1600
Rated insulation voltage	Ui	V	1000	1000	1000	1000
Rated dielectric strength	50 Hz, 1 min.	V	10000	10000	10000	10000
Rated impulse withstand voltage	Uimp	kV	12	12	12	12
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	Ie	Ue 400V AC21A	A 1250	1600	1800	2000
		Ue 400V AC22A	A 1250	1600	1800	2000
		Ue 400V AC23A	A 1000	1000	1250	1250
		Ue 500V AC21A	A 1250	1600	1800	2000
		Ue 500V AC22A	A 1000	1250	1600	1800
		Ue 500V AC23A	A 800	900	1000 ^{*(5)}	1000 ^{*(5)}

^{*(1)} Other voltages and / or utilization categories. Please consult

^{*(2)} Indicative values: current values vary from one motor manufacturer to another

^{*(3)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

^{*(4)} Please consult us for more operations

^{*(5)} Rated operational current AC22B

			1250	1600	1800	2000
AC rated operational power	Pe	3x400V AC23A kW	554,2	554,2	692,8	692,8
Rated capacitor power	400V, sen φ = 0,65	kVAr	450,3	450,3	562,9	562,9
Rated breaking capacity	400V AC23A	A	8000	8000	10000	10000
Rated making capacity	400V AC23A	A	10000	10000	12500	12500
Short - circuit behaviour						
Rated short-circuit making capacity	Icm	kA (peak)	60	75	75	75
Rated short-time withstand current (1 sec.)	Icw	kA rms	25	50	50	50
Mechanical features						
Minimum number of mechanical operations ^{*(4)}	Cycles		10000	4500	4500	4500
Maximum weight 6P		Kg	42,9	42,9	42,9	42,9
Maximum weight 8P		Kg	47,3	47,3	47,3	47,3

Accessories



Direct handle

CODE DS-LI41



External handle included shaft ^{*(e1)}

IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-LA41



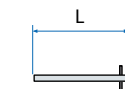
External handle without shaft

IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-LA43



Emergency external handle included shaft ^{*(e1)}

IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-LR41

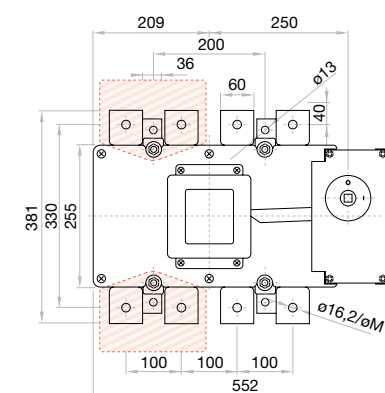


Shafts

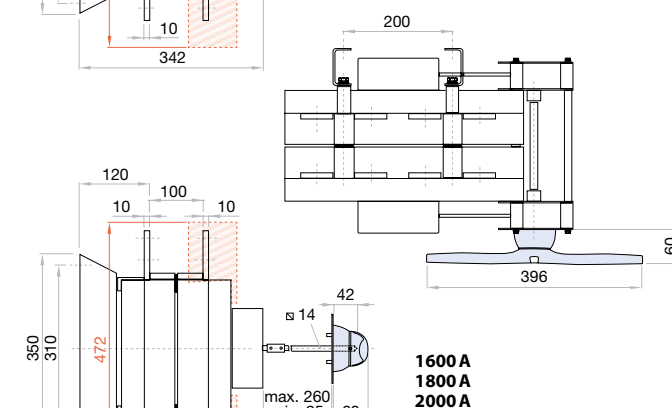
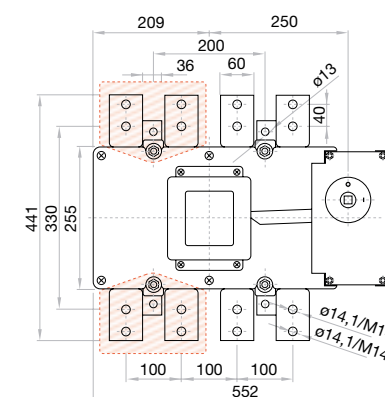
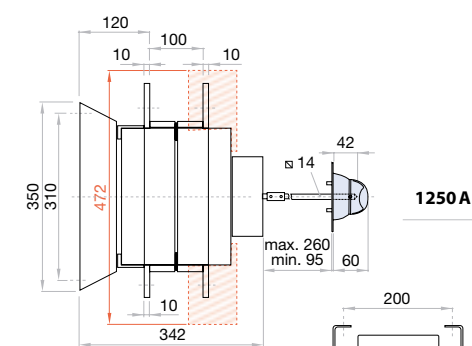
Standard shaft included ^{*(e1)}

L (mm) 239
P (mm) 408... 573

Dimensions (mm)



Door drilling for external handle



Terminal shrouds

CODE DS-CU41
(1 kit for input or output only frontal side)



Auxiliary contacts

1NO+1NC CODE DS-AU11
2NO+2NC CODE DS-AU12

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

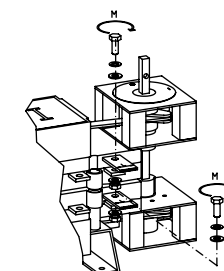
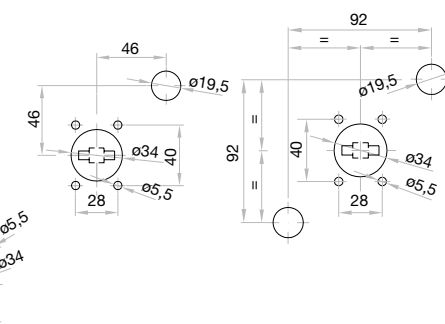


Safety key lock devices

Simple CODE DS-CB41
Double CODE DS-CF41

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 keylock device
Simple Double



	H max (Cu)	L max (Cu)	M
	mm	mm	Nxm
1250 A			M16 80
1600 A	2x7	80	M14 55
1800 A			
2000 A			