series S6

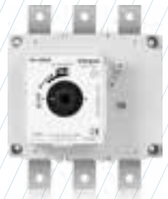
S6000 AC
Switch - disconnector base mounting 2P - 3P - 3P+N

Size 1

A 200|250|315|400

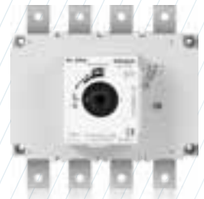
	CODE-2P
200A	S6-02002PS0
250A	S6-02502PS0
315A	S6-03152PS0
400A	S6-04002PD0

2P

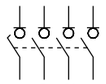


	CODE-3P
200A	S6-02003PS0
250A	S6-02503PS0
315A	S6-03153PS0
400A	S6-04003PD0

3P



	CODE-3P+N
200A	S6-02003NS0
250A	S6-02503NS0
315A	S6-03153NS0
400A	S6-04003ND0



3P + N

Technical features

According to IEC/EN 60947-3

consult

tests:

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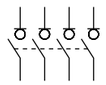
				200	250	315	400
Rated thermal current in ambient at	Ith	40º C	A	200	250	315	400
		50º C	A	200	250	315	400
		60º C	A	200	250	315	400
AC rated insulation voltage	Ui		V	1000	1000	1000	1000
Rated dielectric strength		50 Hz., 1 min.	V	5000	5000	5000	5000
Rated impulse withstand voltage	Uimp		kV	12	12	12	12
AC Rated operational current *(1)	Ie	Monophasic 400V AC21A	A	200	200	250	250
		Monophasic 400V AC22A	A	160	160	200	200
		Monophasic 400V AC23A	A	125	160	160	160
		Triphasic 400V AC21A	A	200	250	315	400
		Triphasic 400V AC22A	A	200	250	315	400
		Triphasic 400V AC23A	A	200	250	315	400
AC rated operatio-nal power *(2)	Pe	3x400V AC23A	kW	110,8	138,5	174,5	221,7
Rated capacitor power		400V, sen φ=0,65	kVAr	90	112,5	141,8	180,1
Rated breaking capacity		400V, cos φ=0,35-0,45	A	1600	2000	2520	3200
Rated making capacity		400V, cos φ=0,45	A	2000	2500	3150	4000

				200	250	315	400
Short - circuit behaviour							
Rated short-circuit making capacity *(3)	Icm	kA	(peak)	20	20	20	20
Rated short-time withstand current (1sec)	Icw	kA	rms	12	12	12	12
Conditional short - circuit current *(4)		kA	rms	100	100	100	100
Maximum cut - off current		kA	(peak)	33	33	33	33
Maximum power dissipation		A^2s	($x10^3$)	497	1000	1000	1000
Mechanical features							
Minimun number of mechanical operations *(5)		Cycles		20000	20000	20000	20000
Maximum weight 2P		kg		12,54	12,54	12,54	13,74
Maximum weight 3P		kg		16,56	16,56	16,56	18,15
Maximum weight 3P+N		kg		20,17	20,17	20,17	22,10

*(1) Other voltages and / or utilization categories. Please consult
*(2) Reference values, the associated current depends on motor manufacturer
*(3) Without limiting protective device (short-circuit maintained 50... 100 ms.)
*(4) With limiting protective device which set a limit to peak value short-circuit making capacity and maximum power dissipation to indicated values
*(5) Please consult us for more operations



4P

Also available 4P switches under request, consult reference

series S6

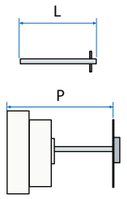
Accessories

Direct handle
CODE DS-SI11

Panel handle included shaft *(e1)
IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-SA11

Panel handle without shaft
IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-SA14

Emergency panel handle included shaft *(e1)
IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-SR11



Shafts

Standard shaft included *(e1)

L (mm)	P (mm)
227	103... 256

Shaft extensions

Type 1

L (mm)	P (mm)	CODE
375	103... 415	DS-EP14

Type 2

L (mm)	P (mm)	CODE
536	103... 576	DS-EP15

Auxiliary contacts
1NA+1NC CODE D5LAU01
2NA+2NC CODE D5LAU02

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

Terminal shrouds
CODE DR-CU11 (1 unit)
CODE DR-CU12 (1 unit)
CODE DR-CU13 (1 unit)

Phase barriers
CODE DR-SF11 (1 unit)
CODE DR-SF12 (2 units)
CODE DR-SF13 (3 units)

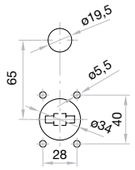
Spacers
CODE DR-EL11 (4 units)

Safety key lock device
Simple CODE DS-CA11
Double CODE DS-CE11

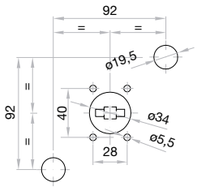
For external handle, lock the handle by means of a key in position "OFF" (under request, in "ON"), the key can only be removed with the handle locked

Panel drilling for handle and keylock device

Simple

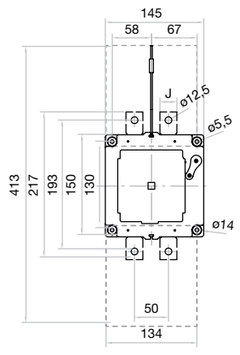


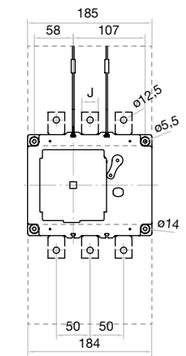
Double

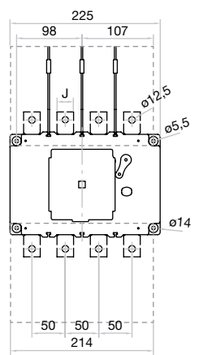


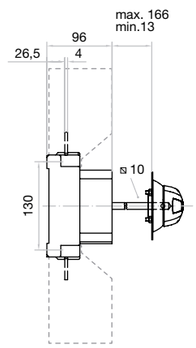
Panel drilling for panel handle

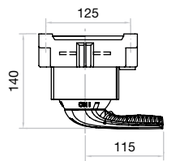
Dimensions (mm)

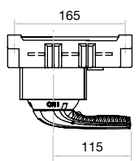


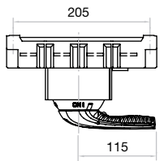






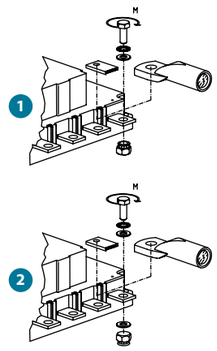


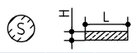




2P 3P 3P+N

	J mm
200 A	25
250 A	25
315 A	25
400 A	30





	S max (Cu) mm^2	H max (Cu) mm	L max (Cu) mm		M Nxm
200 A	120	7	25	M10	18
250 A	150	7	25	M10	18
315 A	185*(6)	7	25	M10	18
400 A	240*(6)	7	35*(6)	M10	18

*(6) Using phase barriers DR-SF__ to maintain the required clearance.