

S6 AC

Switch - disconnecter

base mounting 2P - 3P - 3P+N

Size 2

A 500|630|800



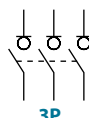
CODE - 2P

500A S6-05002PS0
630A S6-06302PS0
800A S6-08002PD0



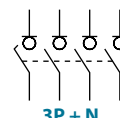
CODE - 3P

500A S6-05003PS0
630A S6-06303PS0
800A S6-08003PD0



CODE - 3P + N

500A S6-05003NS0
630A S6-06303NS0
800A S6-08003ND0



Technical information



According to IEC 60947-3

						500	630	800
Rated thermal current in ambient at	Ith	40° C		A	500	630	800	
		50° C		A	500	630	800	
		60° C		A	500	630	800	
Rated insulation voltage	Ui			V	1000	1000	1000	
Rated impulse withstand voltage	Uimp			kV	12	12	12	
AC Rated operational current ^{*(1)}	Ie	Triphasic	Ue 400V	AC23A	A	500	630	800
			Ue 690V	AC21A	A	500	630	630
			Ue 800V	AC21B	A	-	-	500 ^{*(3)}
Rated breaking capacity	400V, cos φ=0,35-0,45				A	4000	5040	6400
Rated making capacity	400V, cos φ=0,45				A	5000	6300	8000

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

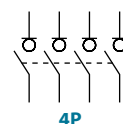
^{*(2)} Without limiting protective device (short-circuit maintained 50... 100 ms.)

^{*(3)} 3P/3P+N

tests:



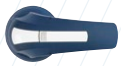
			500	630	800
Short - circuit behaviour					
Rated short-circuit making capacity ^{*(2)}	Icm	kA (peak)	26	26	26
Rated short-time withstand current (1sec)	Icw	kA rms	16	16	16
Mechanical features					
Number of mechanical operations (according to the standards, for other values please consult)	Cycles		5000	5000	5000
Maximum weight 2P	kg		3,91	3,91	3,91
Maximum weight 3P	kg		4,76	4,76	4,76
Maximum weight 3P + N	kg		5,70	5,70	5,70



Also available 4P switch-disconnectors under request, please consult



Accessories



» Direct handle

CODE DS-LI21

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

IP65

CODE DS-LA21



» External handle without shaft

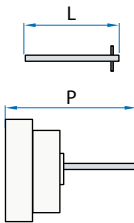
IP65

CODE DS-LA24

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

IP65

CODE DS-LR21



» Shafts

Standard shaft included ^{*(e1)}

L (mm)	P (mm)
195	134... 240

Shaft extensions

Type 1		CODE
L (mm)	P (mm)	
345	134... 400	DS-EP23

Type 2		CODE
L (mm)	P (mm)	
535	134... 560	DS-EP24



» Auxiliary contacts

1NO+1NC CODE D5LAU01

2NO+2NC CODE D5LAU02

I_e = 16 A (resistive loads)

4 A (inductive loads) at 250 Vac.



» Terminal shrouds

CODE DR-CU21 (1 unit)

CODE DR-CU22 (1 unit)

CODE DR-CU23 (1 unit)



» Phase barriers

CODE DR-SF21 (1 unit)

CODE DR-SF22 (2 units)

CODE DR-SF23 (3 units)



» Spacers

CODE DR-EL21 (4 units)



» Safety key lock device

Simple CODE DS-CB21

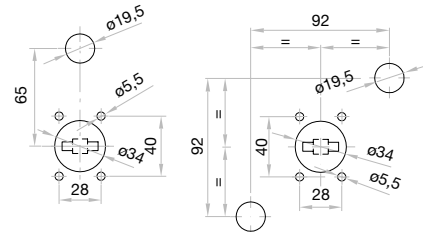
Double CODE DS-CF21

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 key lock device

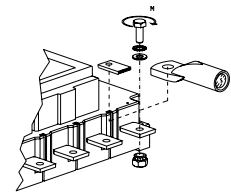
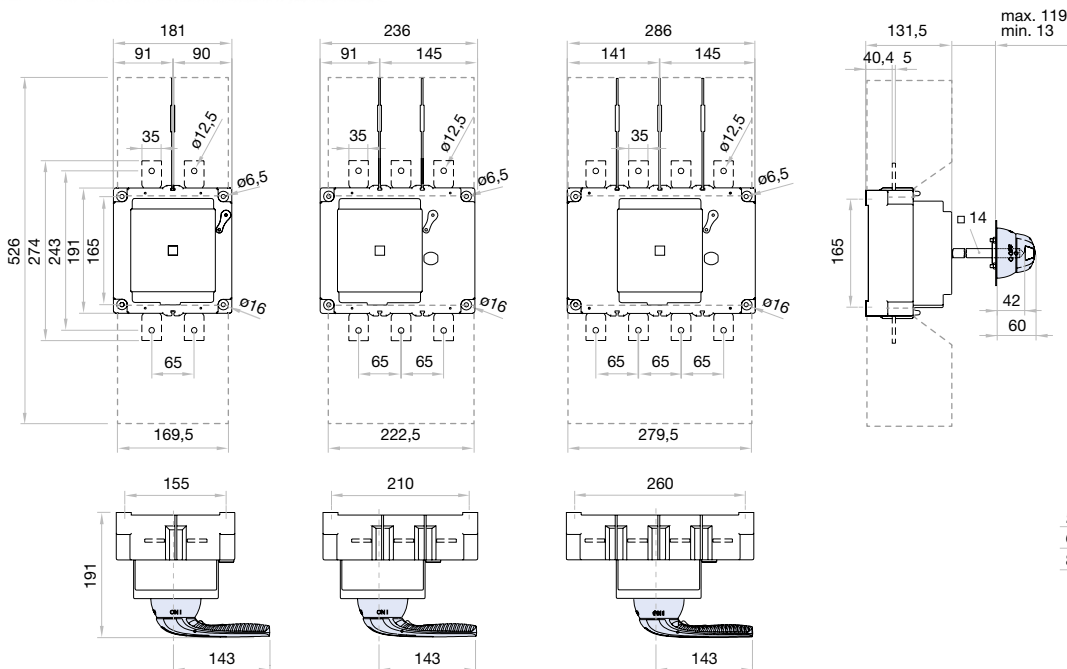
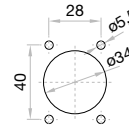
Simple

Double



Dimensions (mm)

Door drilling for external handle



	S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	T	M
					Nxm
500 A	2x150	2x5	35	M10	24
630 A	2x185	2x6	35	M10	24
800 A	2x240	2x7	35	M10	24

2P

3P

3P+N