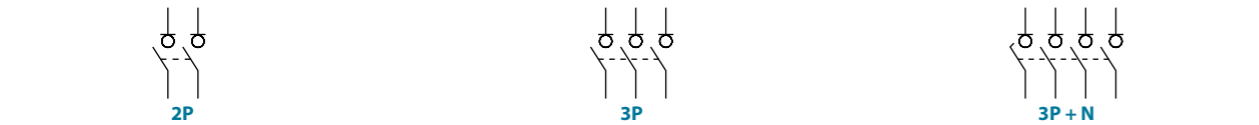
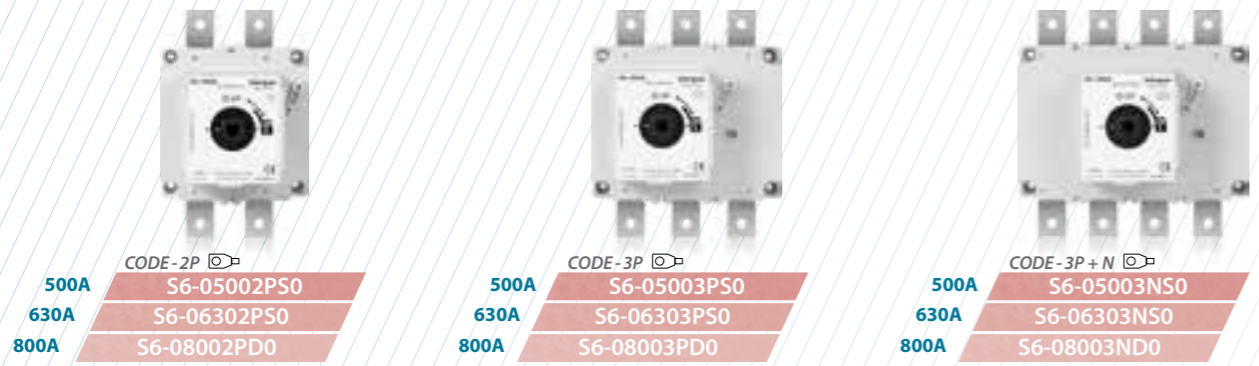


# S6000 AC Switch - disconnecter base mounting 2P - 3P - 3P+N

Size 2  
A 500|630|800



## Technical features

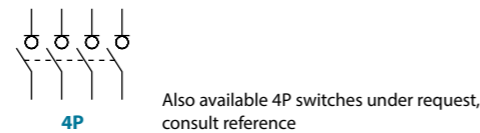
According to IEC/EN 60947-3



		500	630	800
Rated thermal current in ambient at	I <sub>th</sub> 40° C	A 500	630	800
	50° C	A 500	630	800
	60° C	A 500	630	800
AC rated insulation voltage	U <sub>i</sub>	V 1000	1000	1000
Rated dielectric strength	50 Hz., 1 min.	V 8000	8000	8000
Rated impulse withstand voltage	U <sub>imp</sub>	kV 12	12	12
	AC21A A	500	630	800
	Monophasic 400V AC22A A	400	500	500
AC Rated operational current <sup>(1)</sup>	le			
	AC23A A	250	315	315
	AC21A A	500	630	800
	Triphasic 400V AC22A A	500	630	800
	AC23A A	500	630	800
AC rated operational power <sup>(2)</sup>	Pe 3x400V	AC23A kW 277,1	349,2	443,4
Rated capacitor power	400V, sen φ=0,65	kVAr 225,2	283,7	360,3
Rated breaking capacity	400V, cos φ=0,35-0,45	A 4000	5000	6400
Rated making capacity	400V, cos φ=0,45	A 5000	6300	8000

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

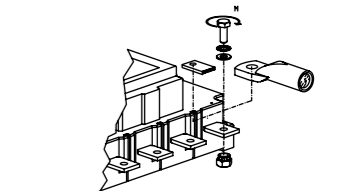
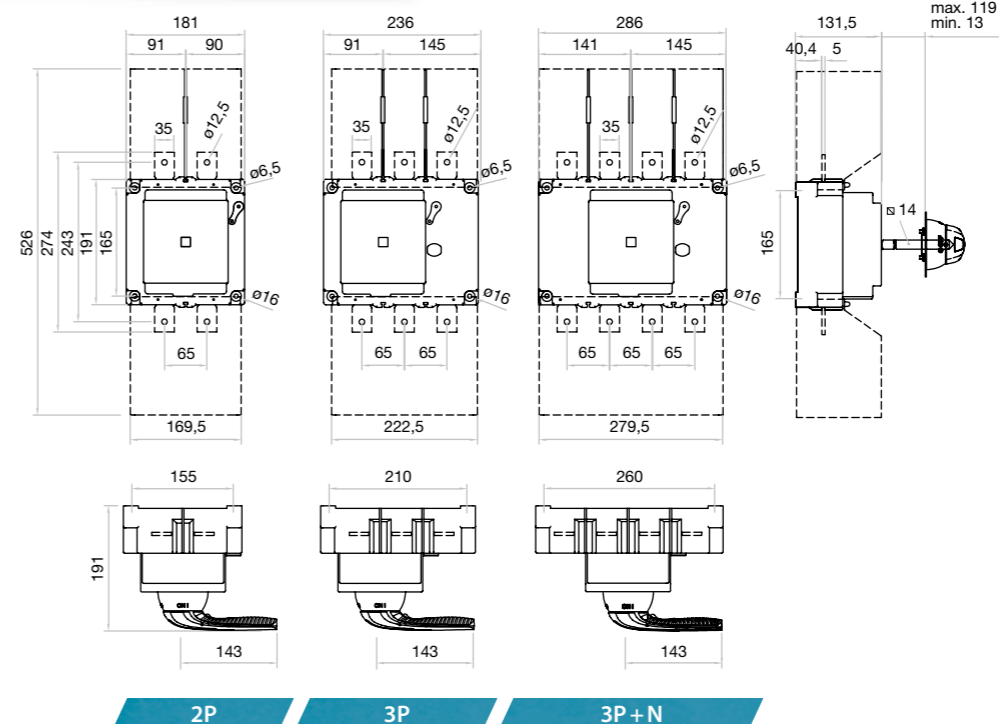
		500	630	800
<b>Short - circuit behaviour</b>				
Rated short-circuit making capacity <sup>(3)</sup>	I <sub>cm</sub> kA (peak)	26	26	26
Rated short-time withstand current (1sec)	I <sub>cw</sub> kA rms	16	16	16
Conditional short - circuit current <sup>(4)</sup>	kA rms	100	100	100
Maximum cut - off current	kA (peak)	39	39	39
Maximum power dissipation	A <sup>2</sup> s (x10 <sup>3</sup> )	1000	1000	500
Minimum number of mechanical operations <sup>(5)</sup>	Cycles	10000	10000	10000
Maximum weight 2P	kg			
Maximum weight 3P	kg			
Maximum weight 3P+N	kg			



## Accessories

- Direct handle**  
CODE DS-LI21
- Panel handle** included shaft <sup>(e1)</sup>  
IP65|UL50E/NEMA 250  
Types: 1, 3R, 4, 4X y 12  
CODE DS-LA21
- Panel handle** without shaft  
IP65|UL50E/NEMA 250  
Types: 1, 3R, 4, 4X y 12  
CODE DS-LA24
- Emergency panel handle** included shaft <sup>(e1)</sup>  
IP65|UL50E/NEMA 250  
Types: 1, 3R, 4, 4X y 12  
CODE DS-LR21
- 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
- Shafts**  
**Standard shaft** included <sup>(e1)</sup>  
L (mm) | P (mm) |  
195 | 134... 240 |  
**Shaft extensions**  
Type 1  
L (mm) | P (mm) | CODE |  
345 | 134... 400 | DS-EP23  
Type 2  
L (mm) | P (mm) | CODE |  
535 | 134... 560 | DS-EP24
- Auxiliary contacts**  
1NA+1NC CODE D5LAU01  
2NA+2NC CODE D5LAU02  
I<sub>e</sub> = 16 A (resistive loads)  
4 A (inductive loads) at 250 Vac.

## Dimensions (mm)



	S max (Cu)	H max (Cu)	L max (Cu)	M
	mm <sup>2</sup>	mm	mm	Nxm
500 A	2x150	6	40	M10 24
630 A	2x185	2x5	40	M10 24
800 A	2x240	2x5	50 <sup>(6)</sup>	M10 24

<sup>(6)</sup> Using phase barriers DR-SF\_\_ to maintain the required clearance.