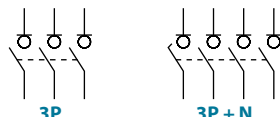
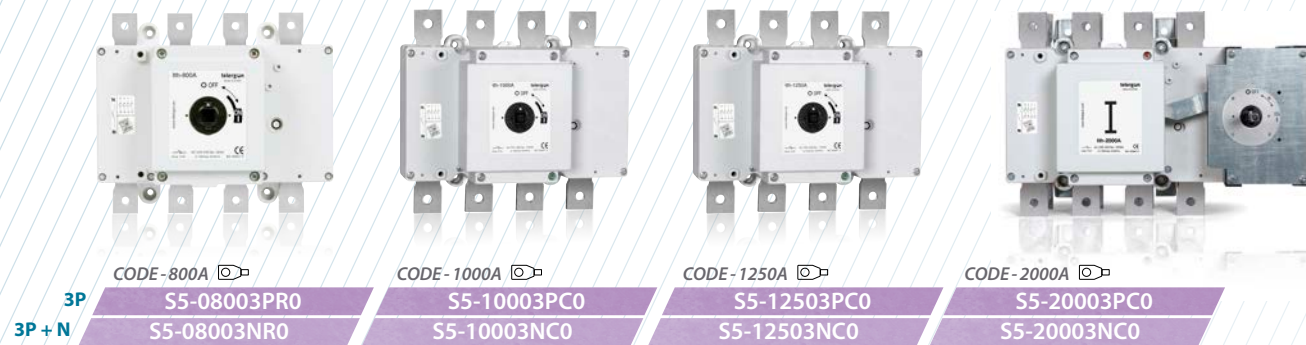


S5000 AC Switch - disconnecter base mounting 3P - 3P+N

Size 3

A 800|1000|1250|2000



Technical information

According to IEC/EN 60947-3



			800	1000	1250	2000
Rated thermal current I _{th} in ambient at RH 60%	40 °C	A	800	1000	1250	2000
	50 °C	A	800	1000	1125	1800
	60 °C	A	800	900	900	1600
Rated insulation voltage	U _i	V	1000	1000	1000	1000
Rated dielectric strength	50 Hz, 1 min.	V	8000	8000	8000	8000
Rated impulse withstand voltage	U _{imp}	kV	12	12	12	12
AC rated operational current ^{*(1)} (Rated operational frequency 50/60 Hz)	U _e 400V AC21A	A	800	1000	1250	2000
	U _e 400V AC22A	A	800	1000	1250	2000 ^{*(6)}
	U _e 400V AC23A	A	800	1000	1000	1400 ^{*(6)}
	U _e 500V AC21A	A	800	1000	1250	2000
	U _e 500V AC22A	A	800	1000	1000	2000 ^{*(6)}
AC rated operational power ^{*(2)}	3x400V AC23A	kW	443,4	554,2	554,2	775,9
	400V, sen φ = 0,65	kVA	360,2	450,3	450,3	630,4
Rated breaking capacity	400V AC23A	A	6400	8000	8000	11200
Rated making capacity	400V AC23A	A	8000	10000	10000	14000

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

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

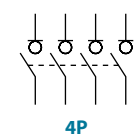
^{*(3)} Without limiting protective device (short-circuit maintained 50... 200 ms.)

^{*(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

^{*(6)} Rated operational current AC22B

			800	1000	1250	2000
Short - circuit behaviour						
Rated short-circuit making capacity ^{*(3)}	I _{cm} kA (peak)	60	60	60	60	80
Rated short-time withstand current (1sec.)	I _{cw} kA rms	25	25	25	25	38
Conditional short - circuit current (rms value) ^{*(4)}	kA rms	72	72	72	72	-
Maximum cut - off current (peak value)	kA (peak)	55	55	55	55	-
Maximum power dissipation (I ² t)	A ² s (x10 ³)	4900	4900	4900	4900	-
Mechanical features						
Minimum number of mechanical operations ^{*(5)}	Cycles	10000	10000	10000	10000	10000
Maximum weight 3P	Kg	7	7	7	7	18,5
Maximum weight 3P + N	Kg	7,6	7,6	7,6	7,6	20



Also available 4P switches under request, consult reference



Accessories

Direct handle

CODE DS-LI31
CODE DS-LI41 (2000 A)

Panel handle included shaft ^{*(e1)}

IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-LA31
CODE DS-LA41 (2000 A)

Panel handle without shaft

IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-LA33 (para 800-1000-1250A)

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

IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-LR31
CODE DS-LR41 (2000 A)

Shafts

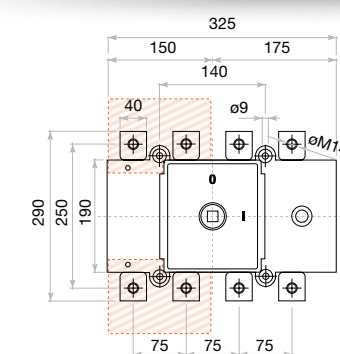
Standard shaft included ^{*(e1)}

L (mm)	P (mm)
186	145... 242
239	145... 242

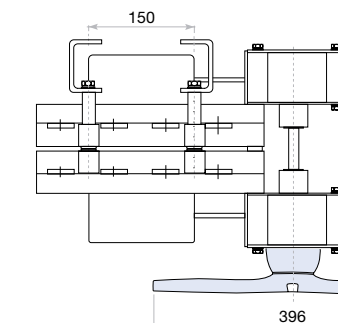
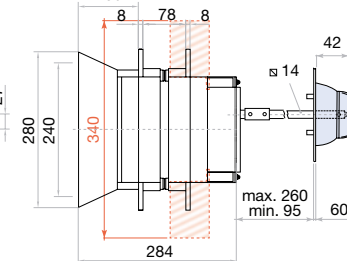
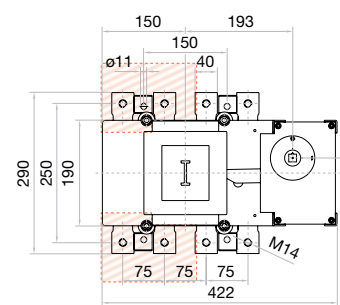
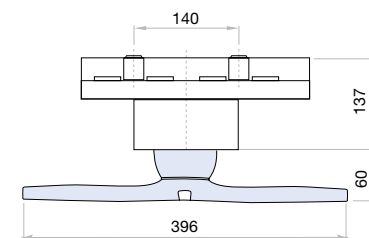
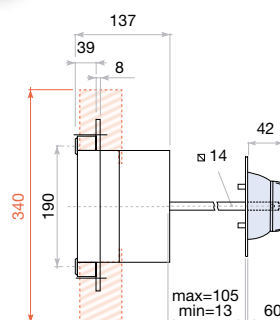
Shaft extensions

Type 1		CODE
L (mm)	P (mm)	
336	145... 402	DS-EP32
485	145... 244	DS-EP44
Type 2		CODE
L (mm)	P (mm)	
535	145... 600	DS-EP24
635	145... 600	DS-EP45

Dimensions (mm)



Panel drilling for panel handle



Terminal shrouds

CODE DS-CU31
(1 kit for input or output
2000 A on frontal switch only)

Auxiliary contacts

1NA+1NC CODE D5LAU01
2NA+2NC CODE D5LAU02
1NA+1NC CODE DS-AU11 (2000 A)
2NA+2NC CODE DS-AU12 (2000 A)

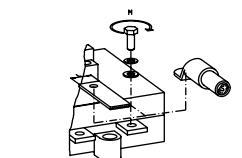
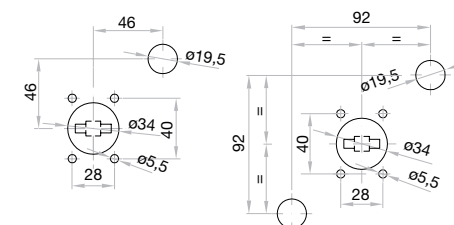
I_e = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.

Safety key lock device

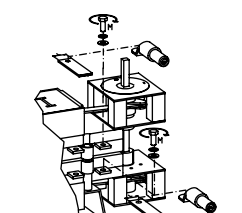
Simple CODE DS-CB31
Double CODE DS-CF31

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



S max (Cu)	H max (Cu)	L max (Cu)	M
mm ²	mm	mm	Nxm
800 A	2x240	2x10	50
1000 A	2x300	2x10	50
1250 A	2x300	2x10	50



S max (Cu)	H max (Cu)	L max (Cu)	M
mm ²	mm	mm	Nxm
2000 A	4x300	4x10	50