

S5000M DC Switch - disconnectors for DC current

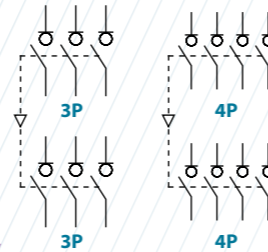
3P+3P 4P+4P



Size 1

A 200|315

1500Vdc



Technical information



According to IEC-EN-UNE 60947-1
IEC-EN-UNE 60947-3

			3+3	4+4
Rated thermal current in ambient at RH 60%	40° C	A	200	315
	50° C	A	200	315
	60° C	A	200	315
Rated insulation voltage DC20	Ui	V	1500	1500
Rated dielectric strength	50 Hz., 1 min.	V	5000	5000
Rated impulse withstand voltage	Uimp	kV	8	8
Rated operational current	le	DC21B 1500 Vdc	A	200 315
Rated making capacity	4+4	DC21 1500 Vdc	A	- 315

Short - circuit behaviour

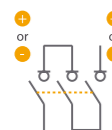
Maximum cut - off current ^{*(1)}	lcm	kA (peak)	20
Short - time withstand current (1 sec.)	lcw	kA rms	12
Conditional short - circuit current (rms value) ^{*(2)}		kA rms	100
Maximum cut - off current (peak value)		kA (peak)	33
Maximum power dissipation	A ² s (x10 ³)		1000
Minimum number of mechanical operations	Cycles		20000
Minimum number of electrical operations	DC21B 1500 Vdc	Cycles	200
Maximum weight 3+3		Kg	5,5
Maximum weight 4+4		Kg	5,8

^{*(1)} Without limiting protective device (short-circuit maintained 50... 200 ms.)
^{*(2)} With limiting protective device which set a limit to peak value short-circuit making capacity and maximum power dissipation to indicated values

Connection diagram

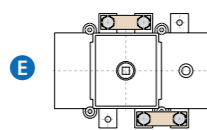
3P+3P

Connection diagram

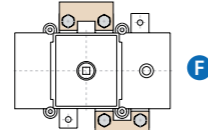


Bridging links

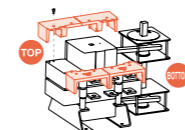
Front switch



Rear switch



Terminal shrouds (On front switch only)



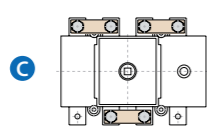
4P+4P

Connection diagram

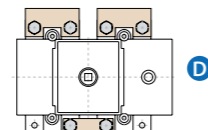


Bridging links

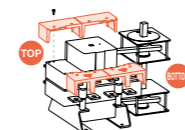
Front switch



Rear switch



Terminal shrouds (On front switch only)



Accessories



Direct handle

CODE DS-LI12



Panel handle included shaft ^{*(e1)}

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



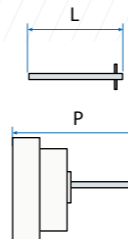
Panel handle without shaft

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

Shafts

Standard shaft included ^{*(e1)}

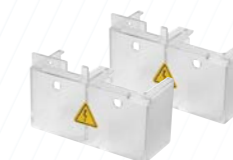
L (mm)	P (mm)
227	288... 422



Auxiliary contacts

1NA+1NC CODE DS-AU11
2NA+2NC CODE DS-AU12

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



Terminal shrouds (2 units)

	E	C
TOP	DS-CU180U	DS-CU100U
BOTTOM	DS-CU100U	DS-CU180U

The shrouds can only be fitted in the front switch.

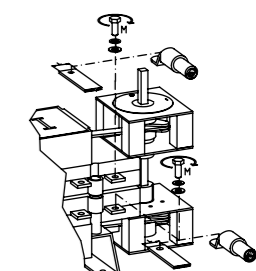
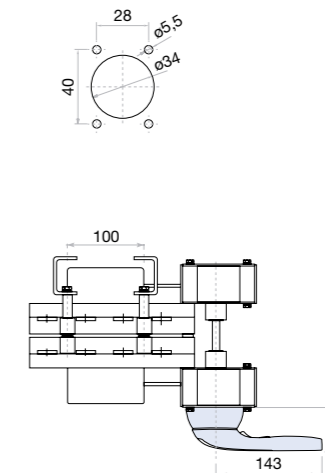
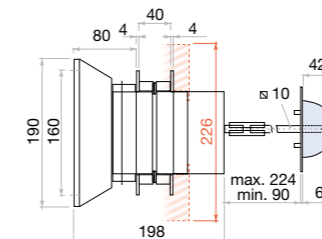
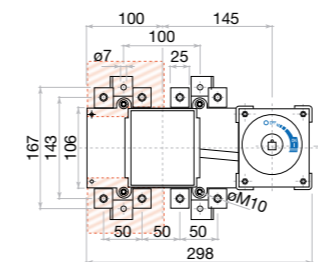


Bridging links (2 or 3 units)

	3P+3P	4P+4P
E	DS-PI120U	DS-PI130U
F	DS-PI170U	DS-PI160U

Dimensions (mm)

Panel drilling for panel handle



S max (Cu)	H max (Cu)	L max (Cu)	T	M
mm ²	mm	mm		Nxm
185	7	25	M10	18

