

S5000M DC Switch - disconnecter for DC current

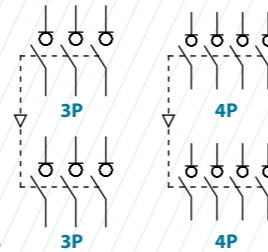
3P+3P 4P+4P



Size 2

A 400|500

1500Vdc



Accessories

- Direct handle**
CODE DS-LI22
- Panel handle** included shaft ^{*(e1)}
IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-LA22
- Shafts**
Standard shaft included ^{*(e1)}
L (mm) | P (mm)
239 | 325... 490
- Auxiliary contacts**
1NA+1NC CODE DS-AU11
2NA+2NC CODE DS-AU12
I_e = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.
- Terminal shrouds** (2 units)
E C
TOP DS-CU280U | DS-CU200U
BOTTOM DS-CU200U | DS-CU280U
The shrouds can only be fitted in the front switch.
- Bridging links** (2 or 3 units)
3P+3P 4P+4P
E DS-PI220U | C DS-PI230U
F DS-PI270U | D DS-PI260U

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	400	500
	50° C	A	400	500
	60° C	A	400	500
Rated insulation voltage DC20	U _i	V	1500	1500
Rated dielectric strength	50 Hz, 1 min.	V	8000	8000
Rated impulse withstand voltage	U _{imp}	kV	12	12
Rated operational current	I _e	DC21B 1500 Vdc	A	400 500
Rated making capacity		DC21 1500 Vdc	A	- 500

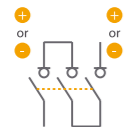
Short - circuit behaviour			
Maximum cut - off current ^{*(1)}	I _{cm}	kA (peak)	26
Short - time withstand current (1 sec.)	I _{cw}	kA rms	16
Conditional short - circuit current (rms value) ^{*(2)}		kA rms	100
Maximum cut - off current (peak value)		kA (peak)	39
Maximum power dissipation		A ² s (x10 ³)	1600
Minimum number of mechanical operations		Cycles	10000
Minimum number of electrical operations	DC21B 1500 Vdc	Cycles	200
Maximum weight 3+3		Kg	12,3
Maximum weight 4+4		Kg	13

^{*(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

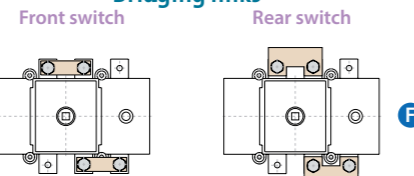
Connection diagram

3P+3P

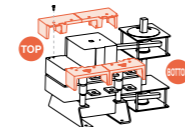
Connection diagram



Bridging links



Terminal shrouds (On front switch only)

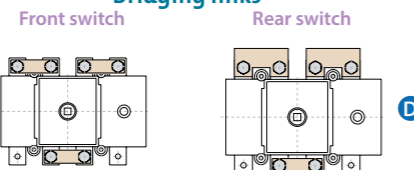


4P+4P

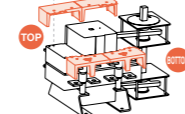
Connection diagram



Bridging links



Terminal shrouds (On front switch only)



Dimensions (mm)

