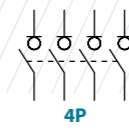


S5000 DC Switch - disconnecter for DC current

4P

Size 1
A 100|160|250|400



Technical information

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



			100	160	250	400
Rated thermal current I _{th} in ambient at RH 60%	40° C	A	125	200	315	400
	50° C	A	125	200	315	400
	60° C	A	125	200	280	320
Rated insulation voltage DC20 U _i	V		1500	1500	1500	1500
Rated dielectric strength	50 Hz., 1 min.	V	5000	5000	5000	5000
Rated impulse withstand voltage U _{imp}	kV		8	8	8	8
Rated operational current ⁽¹⁾ I _e U _e DC21B	1000 Vdc	A	100	160	250	400

tests:

			100	160	250	400
Short - circuit behaviour						
Short - circuit making capacity ⁽²⁾	I _{cm}	kA (peak)	20	20	20	20
Maximum power dissipation	A ² s (x 10 ³)		1000	1000	1000	1000
Minimum number of mechanical operations ⁽³⁾	Cycles		20000	20000	20000	20000
Minimum number of electrical operations	DC21B 1000V	Cycles	200	200	200	200
Maximum weight (without jumpers)	Kg		1,9	1,9	1,9	1,9

⁽¹⁾ Other voltages and / or utilization categories. Please consult
⁽²⁾ Without limiting protective device (short-circuit maintained 50... 200 ms.)
⁽³⁾ Please consult us for more operations

Connection diagram

Connection diagram

Bridging links

Terminal shrouds

Accessories

Direct handle
CODE DS-SI11

Panel handle included shaft ^(e1)
IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-SA11

Panel handle without shaft
IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-SA14

Auxiliary contacts
1NA+1NC CODE D5LAU01
2NA+2NC CODE D5LAU02
I_e = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.

Terminal protection
CODE DS-CU12
(1 unit for input or output)

Terminal shrouds (2 units)

	A	B	C
TOP	DS-CU18	DS-CU10	DS-CU10
BOTTOM	DS-CU19	DS-CU11	DS-CU18

Shafts

Standard shaft included ^(e1)

L (mm)	P (mm)	CODE
227	103... 256	

Shaft extensions

Type 1

L (mm)	P (mm)	CODE
375	103... 415	DS-EP14

Type 2

L (mm)	P (mm)	CODE
536	103... 576	DS-EP15

Bridging links (2 units)

	A	B	C
CODE DS-PI11			
CODE DS-PI14			
CONSULT			

Dimensions (mm)

Panel drilling for panel handle

	H	I	J	ØT
100 A	130	150	20	M8
160 A	143	167	25	M10
250 A	143	167	25	M10

	S max (Cu) mm ²	H max (Cu) mm	L max (Cu) mm	M
100 A	185	7	25	M8
160 A	185	7	25	M8
250 A	185	7	25	M10

	S max (Cu) mm ²	Z max	H max (Cu) mm	L max (Cu) mm	M
400 A	240	44	7	40	M10
400 A	240	44	7	40	M10

