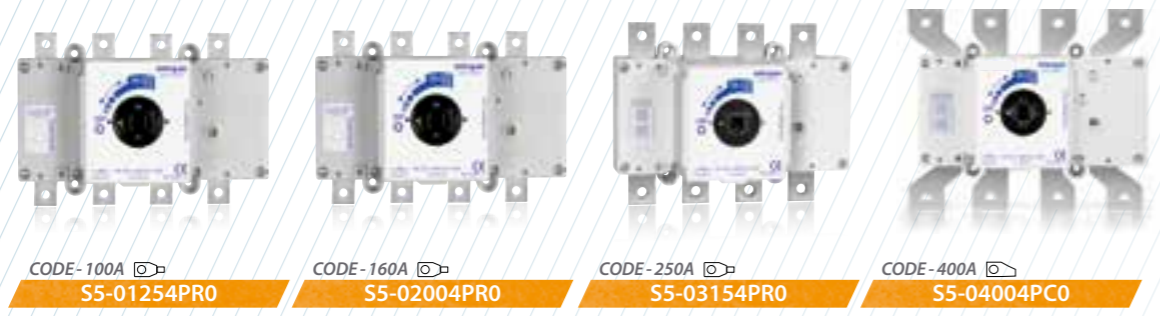


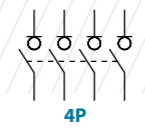


S5000 DC Switch - disconnecter for DC current 4P

Size 1
A 100|160|250|400
 1000Vdc



CODE-100A S5-01254PRO | CODE-160A S5-02004PRO | CODE-250A S5-03154PRO | CODE-400A S5-04004PC0



Technical information

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



			100	160	250	400	
Rated thermal current in ambient at	lth	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	Ui	V	1500	1500	1500	1500	
Rated dielectric strength	50 Hz., 1 min.	V	5000	5000	5000	5000	
Rated impulse withstand voltage	Uimp	kV	8	8	8	8	
Rated operational current ^{*(1)}	le Ue	A	100	160	250	400	
DC21B	1000 Vdc	A	100	160	250	400	

tests:

			100	160	250	400
Short - circuit behaviour						
Short - circuit making capacity ^{*(2)}	lcm	kA (peak)	20	20	20	20
Maximum power dissipation	A²s (x 10³)		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... 100 ms.)
^{*(3)} Please consult us for more operations

Connection diagram

Connection diagram | **Bridging links** | **Terminal shrouds**

A, B, C connection diagrams and corresponding hardware views for different configurations.

Accessories

- Direct handle**
CODE DS-SI11
- External handle** included shaft ^{*(e1)}
IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-SA11
- External handle** without shaft
IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-SA14
- Shafts**
Standard shaft included ^{*(e1)}
L (mm) | P (mm) |
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
- Auxiliary contacts**
1NO+1NC CODE D5LAU01
2NO+2NC CODE D5LAU02
Ie = 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
- Bridging links** (2 units)

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

Dimensions (mm)

Door drilling for external 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) mm²	H max (Cu) mm	L max (Cu) mm	M
100 A	185	7	25	M8
160 A	240	44	7	M10
250 A	240	44	7	M10