

# S5000 DC Switch - disconnecter for DC current

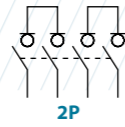
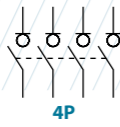
4P - 2P

Size 2  
A 500|630



CODE-500A S5-06304PRO

CODE-630A S5-08004PCO



## Technical information

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



		500		630	
Rated thermal current in ambient at RH 60%	lth	40° C	A	500	630
		50° C	A	500	630
		60° C	A	400	500
Rated insulation voltage DC20	Ui	V	1500	1500	
Rated dielectric strength	50 Hz., 1 min.	V	8000	8000	
Rated impulse withstand voltage	Uimp	kV	12	12	
Rated operational current <sup>(1)</sup>	Ie	Ue			
			DC21B	1000 Vdc	A

		500		630	
<b>Short - circuit behaviour</b>					
Short - circuit making capacity <sup>(2)</sup>	Icm	kA (peak)	26	26	
Maximum power dissipation	A <sup>2</sup> s (x 10 <sup>3</sup> )		1600	1600	
Minimum number of mechanical operations <sup>(3)</sup>	Cycles		10000	10000	
Minimum number of electrical operations	DC21B 1000V	Cycles	200	200	
Maximum weight (without jumpers)	Kg		4,5	4,5	

<sup>(1)</sup> Other voltages and / or utilization categories. Please consult

<sup>(2)</sup> Without limiting protective device (short-circuit maintained 50... 200 ms.)

<sup>(3)</sup> Please consult us for more operations

## Connection diagram

**Connection diagram**

**A** S5-06304PRO

**B** S5-06304PRO  
S5-08004PCO

**C**

**Bridging links**

**Terminal shrouds**

## Accessories

**Direct handle**  
CODE DS-LI21

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

**Panel handle** included shaft <sup>(e1)</sup>  
IP65|UL50E/NEMA 250  
Types: 1, 3R, 4, 4X y 12  
CODE DS-LA21

**Terminal protection**  
CODE DS-CU22  
(1 unit for input or output)

**Panel handle** without shaft  
IP65|UL50E/NEMA 250  
Types: 1, 3R, 4, 4X y 12  
CODE DS-LA24

**Terminal shrouds** (2 units for 4P)

	A	B	C
TOP	DS-CU28	DS-CU20	DS-CU20
BOTTOM	DS-CU29	DS-CU21	DS-CU28

**Shafts**

**Standard shaft** included <sup>(e1)</sup>

L (mm)	P (mm)	CODE
195	134... 240	

**Shaft extensions**

Type 1		
L (mm)	P (mm)	CODE
345	134... 400	DS-EP23
Type 2		
L (mm)	P (mm)	CODE
535	134... 560	DS-EP24

**Bridging links** (2 units)  
For S5-06304PRO **B** CODE DS-PI21 (2 units)  
**A C** CONSULT

<sup>(P2)</sup> For S5-08004PCO **B** CODE DS-PI2D (2 units)  
**A C** CONSULT

<sup>(P2)</sup> To meet the operation and electrical features, the product installed must be incorporate these bridging links.

## Dimensions (mm)

Panel drilling for panel handle

**500 A**

**630 A**

S max (Cu)	H max (Cu)	L max (Cu)	T	M
mm <sup>2</sup>	mm	mm		Nxm
2x240	2x5	40 50	M10	24