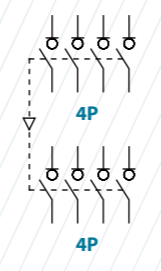
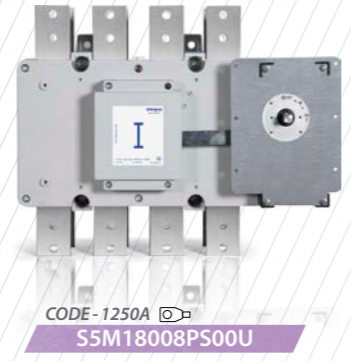


# S5000M DC Switch - disconnectors for DC current 8P (multi-string)

**Size 4**  
**A 1250**



## Technical information



According to IEC/EN 60947-3 GB14048.3

|  |               |       |          |              |             |
|--|---------------|-------|----------|--------------|-------------|
| Rated thermal current in ambient at RH 60%     | lth           | 40° C | A        | <b>1250</b>  |             |
|  |               | 50° C | A        | <b>1250</b>  |             |
|  |               | 60° C | A        | <b>1250</b>  |             |
| Rated insulation voltage DC20                  | Ui            | V     |          | <b>1500</b>  |             |
| Rated dielectric strength                      | 50 Hz, 1 min. | V     |          | <b>10000</b> |             |
| Rated impulse withstand voltage                | Uimp          | kV    |          | <b>12</b>    |             |
| Rated operational current <sup>(1)</sup> DC21B | le            | Ue    | 400 Vdc  | A            | <b>1250</b> |
|  |               |       | 600 Vdc  | A            | <b>1250</b> |
|  |               |       | 800 Vdc  | A            | <b>1250</b> |
|  |               |       | 1000 Vdc | A            | <b>1250</b> |

<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

|  |                  |                                       |              |
|--|------------------|---------------------------------------|--------------|
| <b>Short - circuit behaviour</b>                       |                  |                                       |              |
| Short - circuit making capacity <sup>(2)</sup>         | lcm              | kA (peak)                             | <b>60</b>    |
| Maximum power dissipation                              |                  | A <sup>2</sup> s (x 10 <sup>3</sup> ) |              |
| Minimum number of mechanical operations <sup>(3)</sup> |                  | Cycles                                | <b>10000</b> |
| Minimum number of electrical operations                | DC21B<br>1000Vdc | Cycles                                | <b>100</b>   |
| Maximum weight   |                  | Kg                                    | <b>47,3</b>  |

## Connection diagram

**Connection diagram**

**Bridging links**  
 Front switch      Rear switch

**Terminal shrouds (On front switch only)**

## Accessories

**Direct handle**  
 CODE DS-LI41

**Panel handle** included shaft <sup>(e1)</sup>  
 IP65|UL50E/NEMA 250  
 Types: 1, 3R, 4, 4X y 12  
 CODE DS-LA41

**Panel handle** without shaft  
 IP65|UL50E/NEMA 250  
 Types: 1, 3R, 4, 4X y 12  
 CODE DS-LA43

**Auxiliary contacts**  
 1NA+1NC CODE DS-AU11  
 2NA+2NC CODE DS-AU12  
 Ie = 16 A (resistive loads)  
 4 A (inductive loads) at 250 Vac.

**Terminal shrouds** (2 units)  

|        |          |          |                   |
|--------|----------|----------|-------------------|
|        | <b>A</b> | <b>B</b> | <b>C</b> <b>D</b> |
| TOP    | DS-CU48  | DS-CU40  | DS-CU40           |
| BOTTOM | DS-CU49  | DS-CU41  | DS-CU48           |

 The shrouds can only be fitted in the front switch.

**Bridging links** (2 or 3 units)  

|  |                   |                |                   |                |
|--|-------------------|----------------|-------------------|----------------|
|  | <b>A</b> <b>B</b> | CODE DS-PI420U | <b>C</b> <b>D</b> | CODE DS-PI430U |
|  | <b>A</b> <b>B</b> | CODE DS-PI470U | <b>C</b> <b>D</b> | CODE DS-PI460U |

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

|        |            |
|--------|------------|
| L (mm) | P (mm)     |
| 239    | 408... 573 |

## Dimensions (mm)

Panel drilling for panel handle

|            |            |        |
|------------|------------|--------|
| H max (Cu) | L max (Cu) | M      |
| mm         | mm         | Nxm    |
| 2x7        | 80         | M14 55 |

