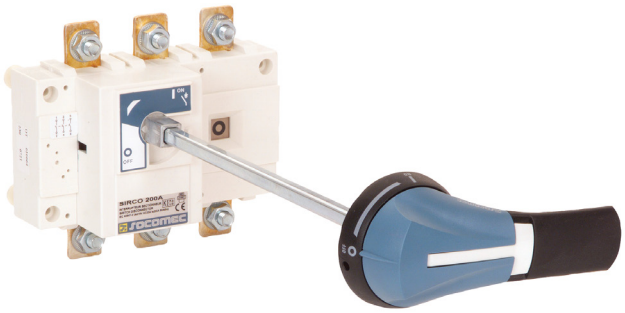
# SLB5004P

**Socomec SLB Load Break Switch kit, w/ External Handle, 4P 500A**

LOAD BREAK SWITCHES



| | |
|---|---|
| **Component type** | Switch disconnector |
| **Range** | SLB |
| **Model** | N/A |
| **Product status** | Existing |

Compact switching solutions from 125A up to 5000A, the SLB range of load break switches are a proven, reliable design. Severe load duty categories (AC-22 and AC-23) are well suited to the arduous switching of motors, main switch isolation and disconnection of other loads.

## ELECTRICAL

| | |
|---|---|
| Rated permanent current at AC-21, 400 V | 500 A |
| Rated uninterrupted current Iu | 500 A |
| Number of poles | 4 |
| Rated operation power at AC-23, 400 V | 280 kW |
| Rated operation current Ie at AC-23a, 400 V | 500 A |
| Rated operation current Ie at AC-23a, 500 V | 315 A |
| Rated operation current Ie at AC-23a, 690 V | 160 A |
| Rated operation current Ie at DC-23, 220 V | 400 A |
| Rated operation current Ie at DC-23a, 500 V | 400 A |
| Rated short-time withstand current Icw | 25 kA |
| Rated insulation voltage Ui | 1000 V |
| Rated impulse withstand voltage Uimp | 12 kV |
| Type of control element | Long turning handle |
| Rated permanent current at AC-23, 400 V | 500 A |
| Number of auxiliary contacts as normally closed contact | 0 |
| Number of auxiliary contacts as normally open contact | 0 |
| Number of auxiliary contacts as change-over contact | 0 |

## CONSTRUCTION

| | |
|---|---|
| Degree of protection (IP), front side | IP65 |
| Version as main switch | Yes |
| Version as reversing switch | No |
| Number of switches | 1 |
| Suitable for front mounting 4-hole | No |
| Suitable for front mounting centre | No |
| Suitable for distribution board installation | Yes |



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**Socomec SLB Load Break Switch kit, w/ External Handle, 4P 500A**

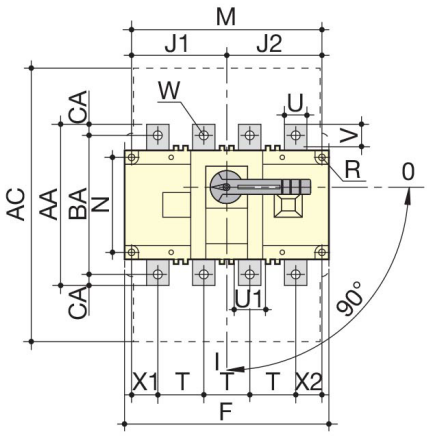
LOAD BREAK SWITCHES

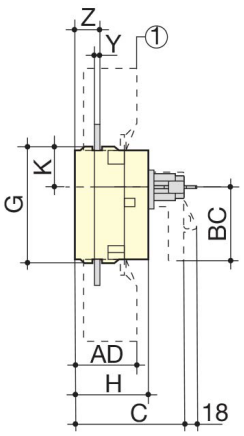
| | | |
|---|---|---|
| **CONSTRUCTION** | Suitable for intermediate mounting | No |
| | Interlockable | Yes |
| **MECHANICAL** | Padlock locking | Yes |
| **DIMENSIONS** | Height | 235 mm |
| | Width | 270 mm |
| | Depth | 110 mm |
| | Conductor cross section solid (solid, stranded) | 240 mm² |
| | Connectable conductor cross section | 240-245 mm² |

## DIMENSIONAL DIAGRAM

### SIRCO 125 to 630 A and SIRCO AC 200 to CD 630 A

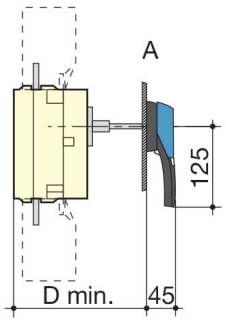
**Direct front operation**




1. Terminal shroud

**External front operation**




1. S2 type handle

| Rating(A) SIRCO | Rating(A) SIRCO AC | C | D min | AC | AD | F 3p. | F 4p. | G | H | J1 3p. | J2 4p. | J2 | K | BC | M 3p. | M 4p. | N | R | T | U | U1 | V | W | X1 3p. | X1 4p. | X2 | Y | Z | AA | BA | CA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Overall Dim. | | Terminal shrouds | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 125...160 | | 115 | 125 | 235 | 50 | 140 | 170 | 93 | 65 | 45 | 75 | 75 | 31.5 | 80 | 120 | 150 | 65 | 5.5 | 36 | 20 | 20.5 | 25 | 9 | 28 | 22 | 20 | 3.5 | 20.5 | 135 | 115 | 10 |
| 200...250 | 200...250 | | | 280 | 60 | 180 | 230 | 108 | 75 | 55 | 105 | 105 | 34 | 115 | 160 | 210 | 80 | 5.5 | 50 | 20 | 25.5 | 21.5 | 11 | 33 | 33 | 27 | 3.5 | 22.5 | 160 | 130 | 15 |
| | 315 | | | | | | | | | | | | | | | | | | | 35 | | | | | | | | | | | |
| 315...400 | 400...500 | 160 | 165 | 401 | 89 | 230 | 290 | 170 | 110 | 75 | 135 | 135 | 55 | 115 | 210 | 270 | 140 | 7 | 65 | 32 | 45.5 | 29 | 11 | 42.5 | 37.5 | 37.5 | 5 | 36 | 235 | 205 | 15 |
| 500 | - | | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | |
| 630 | CD 630 | | | | | | | | | | | | | | | | | | | 45 | | 41.5 | | | | | | | 260 | 220 | 20 |





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