

Catalogue No: **SLBM633PS**

LOAD BREAK SWITCH SLBM 3P 63A HEAVY DUTY KIT

Power Distribution and Protection > Isolators and Transfer Switches > Load Break Switches > Socomec Load Break Switches > Socomec SLBM - Standard Load Break Modular Series (16A to 125A) > SLBM Switch - Supplied with "Heavy Duty" S1 External Handle and Shaft



Representative Photo Only
(actual product may vary based on configuration selections)

SLB KIT 63A 3P PISTOL EXT HDL

- Double break per pole offers high durability and short-circuit withstand
- Use of glass fibre reinforced polyester provides high mechanical and thermal resistance (does not include SLBM or VLBM modular series)
- Quick and easy to install thanks to good centre to centre distance and connection accessories including copper connecting links.
- Wide range of accessories available which is flexible in adapting to various applications and reduces the cost of management and storage
- All Socomec load break switches are compatible with the ergonomic IP65 S-Type Handles which features interlocking (in the ON position), padlocking, UV and chemical agent resistive material and the choice of standard blue or red / yellow colour

SPECIFICATIONS

| | |
|--|-------------|
| Product Series | SLB |
| Number of Poles | 3 |
| Icw, Short Time Withstand Current, 300ms (rms) | 3 kA, 300ms |
| Ui, Rated Insulation Voltage | 800 V (rms) |
| Uimp, Impulse Withstand Voltage | 8 kV |
| Ith, Thermal Current at 40°C | 63 A |
| Ie, Rated Operational Current, AC-20a, 415V | 63 A@415V |
| Ie, Rated Operational Current, AC-20a, 500V | 63 A@500V |
| Ie, Rated Operational Current, AC-20a, 690V | 63 A@690V |
| Ie, Rated Operational Current, AC-20b, 415V | 63 A@415V |
| Ie, Rated Operational Current, AC-20b, 500V | 63 A@500V |
| Ie, Rated Operational Current, AC-20b, 690V | 63 A@690V |
| Ie, Rated Operational Current, AC-21a, 400V | 63 A@400V |
| Ie, Rated Operational Current, AC-21a, 415V | 63 A@415V |
| Ie, Rated Operational Current, AC-21a, 500V | 63 A@500V |
| Ie, Rated Operational Current, AC-21a, 690V | 63 A@690V |
| Ie, Rated Operational Current, AC-21b, 415V | 63 A@415V |
| Ie, Rated Operational Current, AC-21b, 500V | 63 A@500V |
| Ie, Rated Operational Current, AC-21b, 690V | 63 A@690V |
| Ie, Rated Operational Current, AC-22a, 400V | 63 A@400V |
| Ie, Rated Operational Current, AC-22a, 415V | 63 A@415V |
| Ie, Rated Operational Current, AC-22a, 500V | 63 A@500V |
| Ie, Rated Operational Current, AC-22a, 690V | 40 A@690V |
| Ie, Rated Operational Current, AC-22b, 415V | 63 A@415V |
| Ie, Rated Operational Current, AC-22b, 500V | 63 A@500V |
| Ie, Rated Operational Current, AC-22b, 690V | 63 A@690V |
| Ie, Rated Operational Current, AC-23a, 400V | 63 A@400V |
| Ie, Rated Operational Current, AC-23a, 415V | 63 A@415V |

Catalogue No: **SLBM633PS**

LOAD BREAK SWITCH SLBM 3P 63A HEAVY DUTY KIT

Power Distribution and Protection > Isolators and Transfer Switches > Load Break Switches > Socomec Load Break Switches > Socomec SLBM - Standard Load Break Modular Series (16A to 125A) > SLBM Switch - Supplied with "Heavy Duty" S1 External Handle and Shaft



| | |
|---|------------------------|
| le, Rated Operational Current, AC-23a, 500V | 63 A@500V |
| le, Rated Operational Current, AC-23a, 690V | 40 A@690V |
| le, Rated Operational Current, AC-23b, 415V | 63 A@415V |
| le, Rated Operational Current, AC-23b, 500V | 63 A@500V |
| le, Rated Operational Current, AC-23b, 690V | 40 A@690V |
| le, Rated Operational Current, DC-20a, 110V | 63 A@110V |
| le, Rated Operational Current, DC-20a, 250V | 63 A@250V |
| le, Rated Operational Current, DC-20a, 400V | 63 A@400V |
| le, Rated Operational Current, DC-20b, 110V | 63 A@110V |
| le, Rated Operational Current, DC-20b, 250V | 63 A@250V |
| le, Rated Operational Current, DC-20b, 400V | 63 A@400V |
| le, Rated Operational Current, DC-21a, 110V | 63 A@110V |
| le, Rated Operational Current, DC-21a, 250V | 63 A@250V |
| le, Rated Operational Current, DC-21a, 400V | 40 A@400V |
| le, Rated Operational Current, DC-21b, 110V | 63 A@110V |
| le, Rated Operational Current, DC-21b, 250V | 63 A@250V |
| Im, Rated Make/Break Capacity, 4-Pole, DC-21b, 400V | 40 A 4P@400V |
| kW Rating, AC-23a, 415V, 3ph | 30 kW @415V |
| Cable Cross Section (Min) | 2.5 mm ² mm |
| Cable Cross Section (Max) | 35 mm ² mm |
| Tightening Torque, Min | 3.5 Nm |
| Tightening Torque, Max | 3.85 Nm |
| Height | 85 mm |
| Width | 52.5 mm |
| Depth | 75 mm |
| Weight | 0.26 kg |
| Mechanical Service Life | 100000 cycles |

REFERENCES

| | |
|---|---|
| IECEX Certificate | - |
| Supplier Declaration of Conformity: | - |
| Installation Guide: | - |
| User Manual: | - |
| Manufacturer Datasheet: | - |
| Manufacturer Catalogue & Product Selection: | - |

Catalogue No: **SLBM633PS**

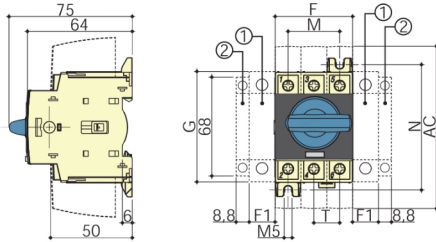
LOAD BREAK SWITCH SLBM 3P 63A HEAVY DUTY KIT

Power Distribution and Protection > Isolators and Transfer Switches > Load Break Switches > Socomec Load Break Switches > Socomec SLBM - Standard Load Break Modular Series (16A to 125A) > SLBM Switch - Supplied with "Heavy Duty" S1 External Handle and Shaft

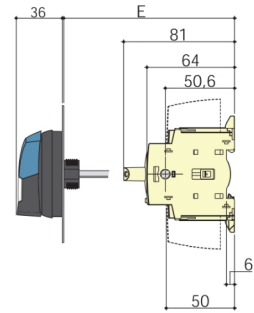


SIRCO M 16 to 80 A

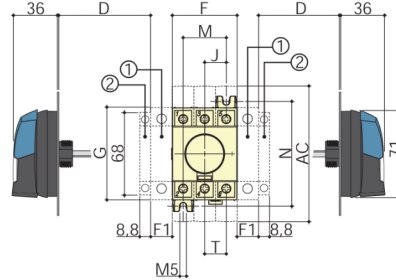
Direct operation with handle



External front operation



External side operation



| Rating (A) | D min. | Overall dimensions | | | Terminal shrouds | | Switch body | | | Switch mounting | | Connection terminals |
|------------|--------|--------------------|--------|--------|------------------|------|-------------|----|------|-----------------|----|----------------------|
| | | D max. | E min. | E max. | AC | F | F1 | G | J | M | N | T |
| 16...40 | 30 | 235 | 100 | 372 | 110 | 45 | 15 | 68 | 15 | 30 | 75 | 15 |
| 63...80 | 30 | 235 | 100 | 372 | 110 | 52.5 | 17.5 | 76 | 17.5 | 35 | 85 | 17.5 |

Dimension Diagram

Catalogue No: **SLBM633PS**

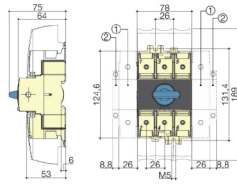
LOAD BREAK SWITCH SLBM 3P 63A HEAVY DUTY KIT

Power Distribution and Protection > Isolators and Transfer Switches > Load Break Switches > Socomec Load Break Switches > Socomec SLBM - Standard Load Break Modular Series (16A to 125A) > SLBM Switch - Supplied with "Heavy Duty" S1 External Handle and Shaft

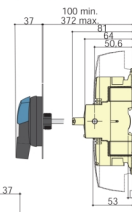


SIRCO M 100 A to 125 A

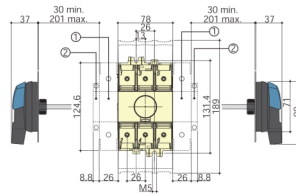
Direct operation with handle



External front operation



External side operation



Technical Diagram