

Catalogue No: **LE 2-12-2501**

SWITCH BODY 1P CHANGEOVER 12A PANEL MOUNT

Operator Control Devices > Pushbuttons and Control Switches > Control and Cam Switches > Sprecher + Schuh Control Switches > Changeover Switches > Changeover Without Off 60 Degree



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

SWITCH CAM 1P C/O NO OFF 12A

- L2 rotary cam switches are available for all control and load applications from 12 up to 25 amps in base or panel mount with renowned modular, convenience and safety features.
- A wide range of stocked configurations including control switches, motor switches, multi-position load switches, motor load disconnect switches, isolating switches and more for whatever you may need.
- Stackable wafers and multiple cam cuttings provide maximum switching options with as few as two and as many as 16 contacts.

SPECIFICATIONS

| | |
|--|--------------------|
| Product Series | L2 |
| Un, Nominal Operational Voltage, AC | 690 V AC |
| Ui, Rated Insulation Voltage | 690 V (rms) |
| Uimp, Impulse Withstand Voltage | 6 kV |
| Rated Frequency | 50 / 60 Hz |
| Number of Poles | 1 |
| Ith, Thermal Current, Open | 16 A |
| Ithe, Thermal Current, Enclosed | 12 A |
| Ie, Rated Operational Current, AC-1, 690V | 12 A@690V |
| Ie, Rated Operational Current, AC-21a, 690V | 12 A@690V |
| Ie, Rated Operational Current, AC-22a, 220-500V | 12 A@220-500V |
| Ie, Rated Operational Current, AC-22a, 600V | 12 A@600V |
| Ie, Rated Operational Current, AC-15, 220-240V | 5 A@220-240V |
| Ie, Rated Operational Current, AC-15, 380-415V | 3 A@380-415V |
| Inc, Rated Conditional Short Circuit Current | 5 kA |
| Series Fuse Current Rating, Max | 35 A |
| Fuse Characteristic Type(s) | gL/gG |
| Operational Power, AC 2, 240V AC | 3 kW |
| Operational Power, AC 2, 380V AC | 5.5 kW |
| Operational Power, AC 2, 415V AC | 5.5 kW |
| Operational Power, AC 2, 440V AC | 5.5 kW |
| Operational Power, AC 2, 500V AC | 7.5 kW |
| Operational Power, AC 2, 660V AC | 7.5 kW |
| Pe, Rated Operational Power, AC 3, 110V AC, 1Ø | 0.75 kW@110V 1Ø |
| Pe, Rated Operational Power, AC 3, 220-240V AC, 1Ø | 1.3 kW@220-240V 1Ø |
| Pe, Rated Operational Power, AC 3, 380-440V AC, 1Ø | 2.2 kW@380-440V 1Ø |
| Pe, Rated Operational Power, AC 3, 220-240V AC, 3Ø | 2.2 kW@220-240V 3Ø |
| Pe, Rated Operational Power, AC 3, 380-440V AC, 3Ø | 4 kW@380-440V 3Ø |

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|--|--------------------|
| Pe, Rated Operational Power, AC 3, 500V AC, 3Ø | 5.5 kW@500V 3Ø |
| Pe, Rated Operational Power, AC 3, 660V AC, 3Ø | 5.5 kW@660V 3Ø |
| Operational Power, AC 4, 220-240V AC | 0.75 kW |
| Operational Power, AC 4, 380-415V AC | 1.5 kW |
| Operational Power, AC 4, 440-550V AC | 1.5 kW |
| kW Rating, AC-23a, 110V, 1ph | 0.75 kW @110V |
| kW Rating, AC-23a, 220-240V, 1ph | 1.3 kW@220-240V |
| kW Rating, AC-23a, 380-440V, 1ph | 2.2 kW@380-440V |
| kW Rating, AC-23a, 220-240V, 3ph | 2.2 kW@220-240V |
| kW Rating, AC-23a, 380-440V, 3ph | 4 kW@380-440V |
| kW Rating, AC-23a, 500V, 3ph | 5.5 kW @500V, 3ph |
| kW Rating, AC-23a, 660V, 3ph | 5.5 kW |
| Max Contacts @24V DC, Resistive Load, DC21a | 1 |
| Ie, Rated Current, DC-21a, Resistive Load @24V per contact | 12 A@24V/contact |
| Im, Rated Make/Break Capacity, DC-21a, Resistive@25.2V DC per contact | 18 A |
| Max Contacts @48V DC, Resistive Load, DC21a | 1 |
| Ie, Rated Current, DC-21a, Resistive Load @48V per contact | 10 A@48V/contact |
| Im, Rated Make/Break Capacity, DC-21a, Resistive@50.4V DC per contact | 15 A |
| Max Contacts @60V DC, Resistive Load, DC21a | 1 |
| Ie, Rated Current, DC-21a, Resistive Load @60V per contact | 8 A@60V/contact |
| Im, Rated Make/Break Capacity, DC-21a, Resistive@63V DC per contact | 12 A |
| Max Contacts @110V DC, Resistive Load, DC21a | 1 |
| Ie, Rated Current, DC-21a, Resistive Load @110V per contact | 2 A@110V/contact |
| Im, Rated Make/Break Capacity, DC-21a, Resistive@115.5V DC per contact | 3 A |
| Max Contacts @220V DC, Resistive Load, DC21a | 1 |
| Ie, Rated Current, DC-21a, Resistive Load @220V per contact | 0.5 A@220V/contact |
| Im, Rated Make/Break Capacity, DC-21a, Resistive@231V DC per contact | 0.75 A |
| Max Contacts @440V DC, Resistive Load, DC21a | 1 |
| Ie, Rated Current, DC-21a, Resistive Load @440V per contact | 0.4 A@440V/contact |
| Im, Rated Make/Break Capacity, DC-21a, Resistive@462V DC per contact | 0.52 A |
| Max Contacts @24V DC, Inductive Load, DC21a | 1 |
| Ie, Rated Current, DC-21a, Inductive Load @24V per contact | 8 A@24V/contact |
| Im, Rated Make/Break Capacity, DC-21a, Inductive@26.4V DC per contact | 8.8 A |
| Max Contacts @30V DC, Inductive Load, DC21a | 1 |
| Ie, Rated Current, DC-21a, Inductive Load @30V per contact | 4.5 A@30V/contact |
| Im, Rated Make/Break Capacity, DC-21a, Inductive@33V DC per contact | 4.95 A |
| Max Contacts @48V DC, Inductive Load, DC21a | 1 |
| Ie, Rated Current, DC-21a, Inductive Load @48V per contact | 1.5 A@48V/contact |
| Im, Rated Make/Break Capacity, DC-21a, Inductive@52.8V DC per contact | 1.65 A |
| Max Contacts @60V DC, Inductive Load, DC21a | 1 |

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| Ie, Rated Current, DC-21a, Inductive Load @60V per contact | 1 A@60V/contact |
| Im, Rated Make/Break Capacity, DC-21a, Inductive@66V DC per contact | 1.1 A |
| Max Contacts @110V DC, Inductive Load, DC21a | 1 |
| Ie, Rated Current, DC-21a, Inductive Load @110V per contact | 0.4 A @110V/contact |
| Im, Rated Make/Break Capacity, DC-21a, Inductive@121V DC per contact | 0.44 A@121V induct. |
| Current, Breaking Capacity, 220V AC | 72 A |
| Power factor, breaking @ 220V AC | ≥0.65 |
| Current, Breaking Capacity, 380V AC | 72 A |
| Power factor, breaking @ 380V AC | ≥0.65 |
| Current, Breaking Capacity, 660V AC | 53 A |
| Power factor, breaking @ 660V AC | ≥0.65 |
| IP Rating | IP20 |
| Switching Function | Changeover without Off |
| Switching Angle | 60° |
| Wire / Conductor Size (Max) | 12 AWG (3.31 mm ²) |
| Wire / Conductor Size, Rigid Cable, Min | 18 AWG (0.823 mm ²) min |
| Wire / Conductor Size, Rigid Cable, Max | 12 AWG (3.31 mm ²) max |
| Wire / Conductor Size, Flex Cable, Min | 18 AWG (0.823 mm ²) min |
| Wire / Conductor Size, Flex Cable, Max | 12 AWG (3.31 mm ²) max |
| Tightening Torque, Max | 1 Nm |
| Mounting | Panel Mount |
| Mechanical Operation Rate, Max | 1200 cycles/hr |
| Electrical Operation Rate, Max | 120 cycles/hr |
| Height | 42 mm |
| Width | 40 mm |
| Depth | 44 mm |
| Altitude, Operating, Max | 2000 m |
| Operating Temperature, Min | -25 °C min |
| Operating Temperature, Max | 60 °C max |
| Storage Temperature, Min | -40 °C min |
| Storage Temperature, Max | 80 °C max |
| Standards Compliance | EN 60947-3 IEC 60529 IEC 60947 IEC 60947-3 |
| Certifications | CE CSA UL |

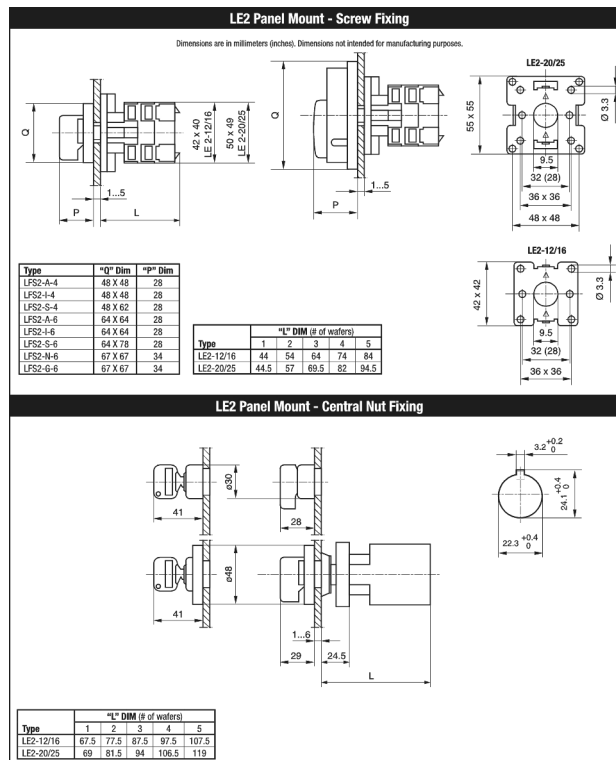
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| REFERENCES | |
|---|--|
| IECEX Certificate | - |
| Supplier Declaration of Conformity: | - |
| Installation Guide: | - |
| User Manual: | - |
| Manufacturer Datasheet: | - |
| Manufacturer Catalogue & Product Selection: | LE2122501_Manufacturer Catalogue |



Dimension Diagram