



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

## SWITCH CAM 1P OFF-ON 12A

### Safety and quality

- Switch bodies with Touch-Proof terminals (IP 20)
- IP 65 Control knobs
- Long operational life and high reliability
- Positive switching action with clearly defined switching point
- All switch bodies are manufactured from self-extinguishing materials (corresponding to class UL 94 V0)

### Time Saving installation

- Captive terminal screws already open for fast installation
- Robust screwdriver guide for easy wiring using manual or power screwdriver
- Clear terminal markings prevent wiring mistakes
- Easy access to switch terminals (angled screws)
- Switch handle assemblies available with either screw fixing or central nut mounting

### 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
Number of Switch Wafers	1 Qty
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
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

# Catalogue No: **LE 2-12-1781**

## SWITCH BODY 1P OFF-ON 12A PANEL MOUNT

Operator Control Devices > Pushbuttons and Control Switches > Control and Cam Switches > Sprecher + Schuh Control Switches > OFF / ON Switches > Switch Body - Panel Mount



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
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	Off/On
Switching Angle	90°
Wire / Conductor Size (Max)	12 AWG ( 3.31 mm <sup>2</sup> )
Wire / Conductor Size, Rigid Cable, Min	18 AWG ( 0.823 mm <sup>2</sup> ) min
Wire / Conductor Size, Rigid Cable, Max	12 AWG ( 3.31 mm <sup>2</sup> ) max
Wire / Conductor Size, Flex Cable, Min	18 AWG ( 0.823 mm <sup>2</sup> ) min
Wire / Conductor Size, Flex Cable, Max	12 AWG ( 3.31 mm <sup>2</sup> ) max
Tightening Torque, Max	1 Nm
Mounting	Panel Mount
Mechanical Service Life	1000000 cycles
Mechanical Operation Rate, Max	1200 cycles/hr
Electrical Operation Rate, Max	120 cycles/hr
Height	42 mm
Width	42 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 60947-3 IEC 60529 IEC 60947
Certifications	CE CSA UL

## REFERENCES

IECEX Certificate -

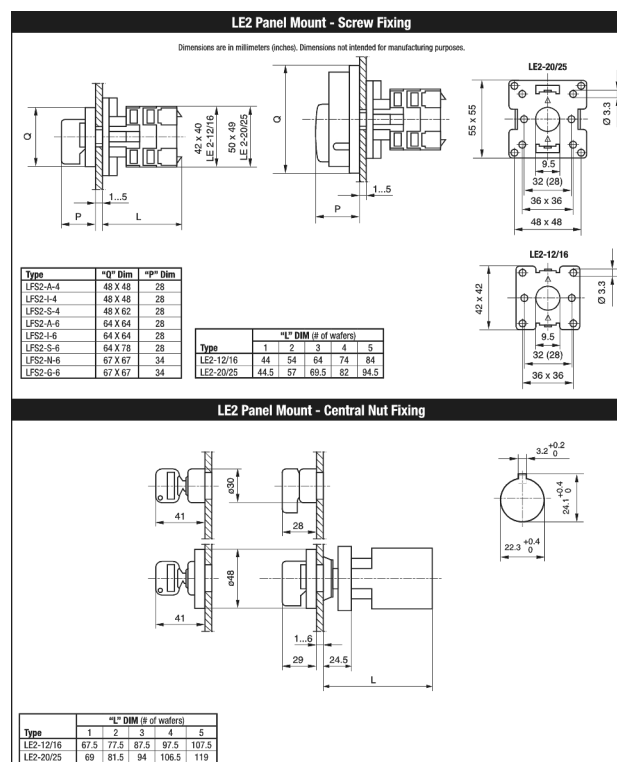
Supplier Declaration of Conformity: -

Installation Guide: -

User Manual: -

Manufacturer Datasheet: -

Manufacturer Catalogue & Product Selection: -



Dimension Diagram