

# Catalogue No: **LE 2-20-7253**

## SWITCH BODY 3P STAR-DELTA 20A PANEL MOUNT

Operator Control Devices > Pushbuttons and Control Switches > Control and Cam Switches > Sprecher + Schuh Control Switches > Star-delta Switches > Switch Body - Panel Mount



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

### SWITCH CAM STAR DELTA 20A

- 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	3
Ith, Thermal Current, Open	25 A
Ithe, Thermal Current, Enclosed	20 A
Ie, Rated Operational Current, AC-1, 690V	20 A@690V
Ie, Rated Operational Current, AC-21a, 690V	20 A@690V
Ie, Rated Operational Current, AC-22a, 220-500V	20 A@220-500V
Ie, Rated Operational Current, AC-22a, 600V	20 A@600V
Ie, Rated Operational Current, AC-15, 220-240V	7 A@220-240V
Ie, Rated Operational Current, AC-15, 380-415V	5 A@380-415V
Inc, Rated Conditional Short Circuit Current	5 kA
Series Fuse Current Rating, Max	60 A
Fuse Characteristic Type(s)	IEC-gL/gG
Operational Power, AC 2, 240V AC	5.5 kW
Operational Power, AC 2, 380V AC	9 kW
Operational Power, AC 2, 415V AC	9 kW
Operational Power, AC 2, 440V AC	9 kW
Operational Power, AC 2, 500V AC	11 kW
Operational Power, AC 2, 660V AC	11 kW
Pe, Rated Operational Power, AC 3, 110V AC, 1Ø	1.2 kW@110V 1Ø
Pe, Rated Operational Power, AC 3, 220-240V AC, 1Ø	2.5 kW@220-240V 1Ø
Pe, Rated Operational Power, AC 3, 380-440V AC, 1Ø	4.5 kW@380-440V 1Ø
Pe, Rated Operational Power, AC 3, 220-240V AC, 3Ø	4.5 kW@220-240V 3Ø
Pe, Rated Operational Power, AC 3, 380-440V AC, 3Ø	7.5 kW@380-440V 3Ø

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Pe, Rated Operational Power, AC 3, 500V AC, 3Ø	10 kW@500V 3Ø
Pe, Rated Operational Power, AC 3, 660V AC, 3Ø	8 kW@660V 3Ø
Operational Power, AC 4, 220-240V AC	3 kW
Operational Power, AC 4, 380-415V AC	3.7 kW
Operational Power, AC 4, 440-550V AC	3.7 kW
kW Rating, AC-23a, 110V, 1ph	1.2 kW @110V
kW Rating, AC-23a, 220-240V, 1ph	2.5 kW@220-240V
kW Rating, AC-23a, 380-440V, 1ph	4.5 kW@380-440V
kW Rating, AC-23a, 220-240V, 3ph	4.5 kW@220-240V
kW Rating, AC-23a, 380-440V, 3ph	7.5 kW@380-440V
kW Rating, AC-23a, 500V, 3ph	10 kW @500V, 3ph
kW Rating, AC-23a, 660V, 3ph	8 kW
Max Contacts @24V DC, Resistive Load, DC21a	3
Ie, Rated Current, DC-21a, Resistive Load @24V per contact	20 A@24V/contact
Im, Rated Make/Break Capacity, DC-21a, Resistive@25.2V DC per contact	30 A
Max Contacts @48V DC, Resistive Load, DC21a	3
Ie, Rated Current, DC-21a, Resistive Load @48V per contact	16 A@48V/contact
Im, Rated Make/Break Capacity, DC-21a, Resistive@50.4V DC per contact	24 A
Max Contacts @60V DC, Resistive Load, DC21a	3
Ie, Rated Current, DC-21a, Resistive Load @60V per contact	12 A@60V/contact
Im, Rated Make/Break Capacity, DC-21a, Resistive@63V DC per contact	18 A
Max Contacts @110V DC, Resistive Load, DC21a	3
Ie, Rated Current, DC-21a, Resistive Load @110V per contact	4 A@110V/contact
Im, Rated Make/Break Capacity, DC-21a, Resistive@115.5V DC per contact	6 A
Max Contacts @220V DC, Resistive Load, DC21a	3
Ie, Rated Current, DC-21a, Resistive Load @220V per contact	0.7 A@220V/contact
Im, Rated Make/Break Capacity, DC-21a, Resistive@231V DC per contact	1.05 A
Max Contacts @440V DC, Resistive Load, DC21a	1
Ie, Rated Current, DC-21a, Resistive Load @440V per contact	0.5 A@440V/contact
Im, Rated Make/Break Capacity, DC-21a, Resistive@462V DC per contact	0.47 A
Max Contacts @24V DC, Inductive Load, DC21a	3
Ie, Rated Current, DC-21a, Inductive Load @24V per contact	12 A@24V/contact
Im, Rated Make/Break Capacity, DC-21a, Inductive@26.4V DC per contact	13.2 A
Max Contacts @30V DC, Inductive Load, DC21a	3
Ie, Rated Current, DC-21a, Inductive Load @30V per contact	7 A@30V/contact
Im, Rated Make/Break Capacity, DC-21a, Inductive@33V DC per contact	7.7 A
Max Contacts @48V DC, Inductive Load, DC21a	3
Ie, Rated Current, DC-21a, Inductive Load @48V per contact	2.5 A@48V/contact
Im, Rated Make/Break Capacity, DC-21a, Inductive@52.8V DC per contact	2.75 A
Max Contacts @60V DC, Inductive Load, DC21a	3

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Ie, Rated Current, DC-21a, Inductive Load @60V per contact	1.5 A@60V/contact
Im, Rated Make/Break Capacity, DC-21a, Inductive@66V DC per contact	1.65 A
Max Contacts @110V DC, Inductive Load, DC21a	3
Ie, Rated Current, DC-21a, Inductive Load @110V per contact	0.6 A @110V/contact
Im, Rated Make/Break Capacity, DC-21a, Inductive@121V DC per contact	0.66 A@121V induct.
Current, Breaking Capacity, 220V AC	128 A
Power factor, breaking @ 220V AC	≥0.65
Current, Breaking Capacity, 380V AC	128 A
Power factor, breaking @ 380V AC	≥0.65
Current, Breaking Capacity, 660V AC	86 A
Power factor, breaking @ 660V AC	≥0.65
IP Rating	IP20
Switching Function	Star-Delta switch
Wire / Conductor Size (Max)	10 AWG ( 5.26 mm <sup>2</sup> ) max
Wire / Conductor Size, Rigid Cable, Min	16 AWG ( 1.31 mm <sup>2</sup> )
Wire / Conductor Size, Rigid Cable, Max	10 AWG ( 5.26 mm <sup>2</sup> )
Wire / Conductor Size, Flex Cable, Min	16 AWG ( 1.31 mm <sup>2</sup> ) min
Wire / Conductor Size, Flex Cable, Max	10 AWG ( 5.26 mm <sup>2</sup> ) max
Tightening Torque, Max	1.2 Nm
Mounting	Panel Mount
Mechanical Operation Rate, Max	1200 cycles/hr
Electrical Operation Rate, Max	120 cycles/hr
Height	50 mm
Width	49 mm
Depth	82 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

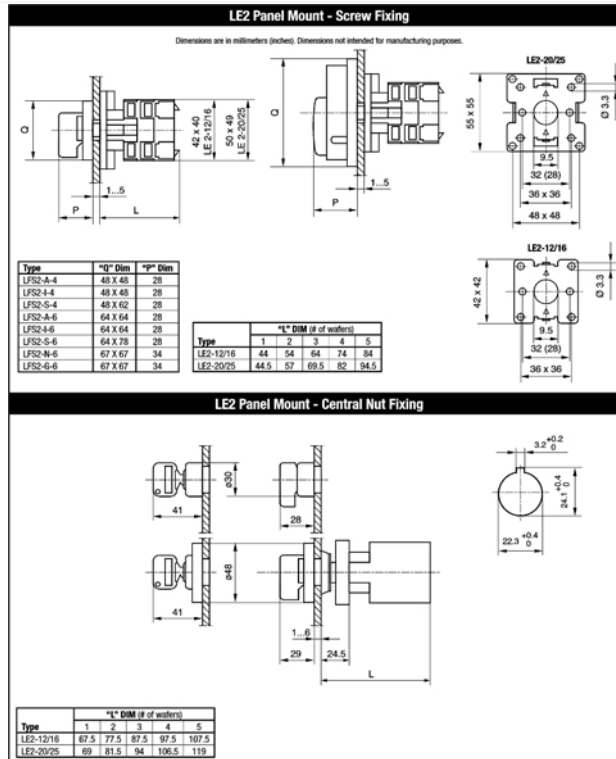
### REFERENCES

IECEx Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	<a href="#">LE2207253_Manufacturer Catalogue</a>

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Dimension Diagram