

Product data sheet

Specifications

SQUARE D

Green Premium™



Circuit breaker, PowerPacT L, 400A, 3 pole, 600VAC, 100kA, lugs, MicroLogic 3.3, 80%, shunt

LRL36400U31XSO

 To be discontinued on: Apr 30, 2024

 To be discontinued

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range	PowerPact
Product Name	PowerPact L
Device Short Name	L-Frame
Product Or Component Type	Circuit breaker
Device Application	Distribution

Complementary

Line Rated Current	400 A
Number Of Poles	3P
Control Type	Toggle
Breaking Capacity Code	R
Breaking Capacity	200 kA 240 V AC 50/60 Hz UL 489 200 kA 480 V AC 50/60 Hz UL 489 100 kA 600 V AC 50/60 Hz UL 489
[Ue] Rated Operational Voltage	600 V AC 50/60 Hz IEC 60947-3
Network Frequency	50/60 Hz
[Ics] Rated Service Breaking Capacity	150 kA 220/240 V AC 50/60 Hz IEC 60947-2 125 kA 380/440/415 V AC 50/60 Hz IEC 60947-2 75 kA 500/525 V AC 50/60 Hz IEC 60947-2 20 kA 690 V AC 50/60 Hz IEC 60947-2
[Uimp] Rated Impulse Withstand Voltage	8 kV IEC 60947-2
Trip Unit Technology	Electronic, standard, MicroLogic 3.3, LI
Continuous Current Rating	80 %
[Ui] Rated Insulation Voltage	750 V IEC 60947-2
Trip Unit Name	MicroLogic 3.3
Protection Technology	Current limiter
Accessory / Separate Part Type	Shunt trip cover frame
Suitability For Isolation	Yes IEC 60947-2
Utilisation Category	Category A
Awg Gauge	2 x AWG 2/0...500 kcmil aluminium/copper

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Local Signalling	Ready 1 LED green) Alarm 1 LED 90 % Ir orange) Alarm LED 105 % Ir red) Switched off (OFF) 1 trip indicator green)
Mounting Mode	Unit mount lug)
Mounting Support	Lug
Electrical Connection	Lugs, line Lugs, load
Terminal Identifier	AL600LS52K3
Long Time Pick-Up Adjustment Range	0.25...1 x In
Tightening Torque	442.54 lbf.in (50 N.m) 0.11...0.37 in ² (70...240 mm ²) (AWG 2/0...500 kcmil)
Number Of Slots	2 auxiliary switch OF plug-in) 1 alarm switch SD plug-in) 1 overcurrent trip switch SDE plug-in) 1 voltage release MN or MX plug-in)
Power Wire Stripping Length	1.22 in (31 mm) 2.40 in (61 mm)
Color	Black
Height	13.39 in (340 mm)
Width	5.51 in (140 mm)
Depth	4.33 in (110 mm)
Net Weight	13.67 lb(US) (6.2 kg)
Communication Interface	Modbus Ethernet
Circuit Breaker Application	HACR rated

Environment

Standards	UL CSA NEMA NOM-003-SCFI-2000 IEC 60947-2
Product Certifications	UL CSA NOM
Ip Degree Of Protection	Front cover IP40
Pollution Degree	3 IEC 60947-1
Ambient Air Temperature For Operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature For Storage	-58...185 °F (-50...85 °C)
Operating Altitude	< 6561.68 ft (2000 m) without derating 5000 m with derating

Ordering and shipping details

Category	01119 - L HIGH INTERRUPT UNIT MT BREAKER/SW
Discount Schedule	DE2
Returnability	No
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	11.30 in (28.7 cm)
Package 1 Width	5.51 in (14.0 cm)
Package 1 Length	6.61 in (16.8 cm)
Package 1 Weight	15.00 lb(US) (6.804 kg)

Contractual warranty

Warranty	18 months
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Sustainability



Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)
[Guide to assess a product’s sustainability >](#)



RoHS/REACH

Well-being performance

✓	Mercury Free	
✓	Rohs Exemption Information	Yes
✓	Pvc Free	

Certifications & Standards

Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Circularity Profile	End of Life Information
California Proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov