

Product data sheet

Specifications

SQUARE D



Circuit breaker, PowerPact L,
250A, 3 pole, 600VAC, 18kA, lugs,
MicroLogic 3.3, 80%

LGP36250U31X

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

Price*: 5,081.00 USD

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	250 A
Number of Poles	3P
Control Type	Toggle
Breaking capacity code	G
Breaking capacity	65 kA 240 V AC 50/60 Hz UL 489 35 kA 480 V AC 50/60 Hz UL 489 18 kA 600 V AC 50/60 Hz UL 489 20 kA 250 V DC UL 489 20 kA 500 V DC 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	65 kA 220/240 V AC 50/60 Hz IEC 60947-2 35 kA 380/440/415 V AC 50/60 Hz IEC 60947-2 18 kA 500/525 V AC 50/60 Hz IEC 60947-2 20 kA 250 V DC IEC 60947-2 20 kA 500 V DC 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
Suitability for isolation	Yes IEC 60947-2
Utilisation category	Category A
AWG gauge	AWG 2...600 kcmil copper AWG 2...500 kcmil aluminium

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

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	Terminal nut, line Lugs, load
Terminal identifier	AL400L61K3
Long time pick-up adjustment range	0.25...1 x In
Tightening torque	442.5 lbf.in (50 N.m) 0.05...0.5 in ² (35...300 mm ²) (AWG 2...600 kcmil) 442.5 lbf.in (50 N.m) 0.05...0.4 in ² (35...240 mm ²) (AWG 2...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	1.2 in (31 mm)
Color	Black
Height	13.4 in (340 mm)
Width	5.5 in (140 mm)
Depth	4.3 in (110 mm)
Net Weight	13.7 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	US10DE201116
Discount Schedule	0DE2
GTIN	3606487063179
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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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 >](#)

[How we assess product sustainability >](#)



Transparency

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information.

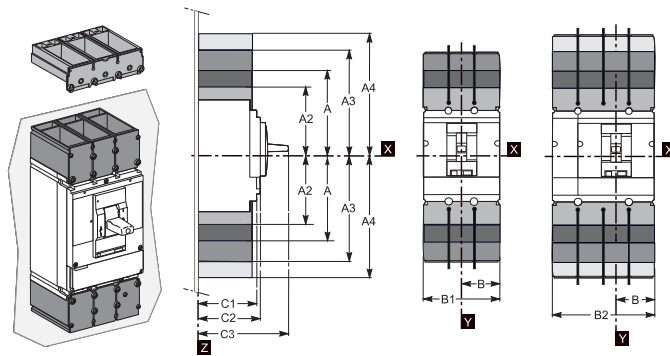
Environmental Disclosure [Product Environmental Profile](#)

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

Technical Illustration

Dimensions



- A2 = Short Lug Pack
 AL400L61K3
 CU400L61K3
 AL600LF52K3
 CU600LF5283
- A = Medium Lug Pack
 AL400L61K4
 CU400L61K4
 AL600LS52K3
 AL600LS52K4
 CU600LS52K3
 CU600LS52K4
- A3 = Long Lug Pack
 Compression Lug Kits
- A4 = 500 Vdc Lug Pack

L-Frame

	A	A2	A3	A4	B	B1	B2	C1	C2	C3
inch	6.69	5.65	7.87	9.53	2.76	5.51	7.28	3.76	4.33	6.61
mm	170	143.5	200	242	70	140	185	105	110	168

All dimensions are approximate.
 Also see CAD, technical drawings, and technical documentation.