Product data sheet

Specifications







Motor circuit protector, PowerPacT L, 600A, 3 pole, 600VAC, 18kA, lugs, MicroLogic 2.3M, 80%

LGL36600M38X

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

Price*: 8,429.00 USD

Main

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

Complementary

Complementary	
Line Rated Current	600 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 2.3 M, LSol
[Ith] Conventional Free Air Thermal Current	312520 A
[Ui] Rated Insulation Voltage	750 V IEC 60947-2
Trip Unit Name	MicroLogic 2.3 M
Suitability For Isolation	Yes IEC 60947-2
Utilisation Category	Category A
Awg Gauge	2 x AWG 2/0500 kcmil aluminium/copper
Local Signalling	Ready 1 LED green) Alarm 1 LED 95 % Ith red) Switched off (OFF) 1 trip indicator green)

Switched off (OFF) 1 trip indicator green)

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

Mounting Mode	Unit mount lug)	
Mounting Support	Lug	
Electrical Connection	Lugs, line Lugs, load	
Terminal Identifier	AL600LS52K3	
Tightening Torque	442.54 lbf.in (50 N.m) 0.110.37 in ² (70240 mm ²) (AWG 2/0500 kcmil)	
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	-13158 °F (-2570 °C)	
Ambient Air Temperature For Storage	-58185 °F (-5085 °C)	
Operating Altitude	< 6561.68 ft (2000 m) without derating 5000 m with derating	

Ordering and shipping details

Category	US10DE201116	
Discount Schedule	0DE2	
Gtin	785901942849	
Returnability	Yes	
Country Of Origin	US	

Packing Units

Unit Type Of Package 1	PCE	
Number Of Units In Package 1	1	
Package 1 Height	8.75 in (22.225 cm)	
Package 1 Width	10.75 in (27.305 cm)	
Package 1 Length	19.50 in (49.53 cm)	

Package 1 Weight

15.00 lb(US) (6.804 kg)

Contractual warranty

Warranty

18 months

Sustainability Screen

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass 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 >



Transparency RoHS/REACh

Well-being performance

Mercury Free
Rohs Exemption Information Yes
Pvc Free

Certifications & Standards

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