



Circuit breaker, PowerPacT L, 400A, 3 pole, 600VAC, 18kA, I-Line, Micrologic 6.3A, 80%, ABC

LGA36400U44X

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

J		
Line Rated Current	400 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, ammeter, MicroLogic 6.3 A, LSIG	
Continuous current rating	80 %	
[Ui] rated insulation voltage	750 V IEC 60947-2	
Trip unit name	MicroLogic 6.3 A	
Protection technology	Current limiter	
Suitability for isolation	Yes IEC 60947-2	
Utilisation category	Category A	
AWG gauge	AWG 3/0500 kcmil aluminium/copper	
Local signalling	Ready 1 LED green) Alarm 1 LED 90 % Ir orange) Alarm LED 105 % Ir red)	

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

Switched off (OFF) 1 trip indicator green)

Mounting mode	I-Line bracket)	
Mounting Support	Bracket	
Electrical connection	I-Line connection, line Lugs, load	
Terminal identifier	AL600LF52K3	
Long time pick-up adjustment range	0.251 x ln	
Mounting Height	6 in (152.4 mm)	
Tightening torque	442.5 lbf.in (50 N.m) 0.10.4 in² (95240 mm²) (AWG 3/0500 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)	
Phase connection	ABC	
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	US10DE201118	
Discount Schedule	0DE2	
GTIN	3606486284186	
Returnability	Yes	
Country of origin	MX	

Packing Units

Unit Type of Package 1	PCE	
Nbr. of units in pkg.	1	
Package 1 Height	8.750 in (22.225 cm)	
Package 1 Width	10.750 in (27.305 cm)	
Package 1 Length	19.50 in (49.53 cm)	
Package weight(Lbs)	17.000 lb(US) (7.711 kg)	

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	805
Environmental Disclosure	Product Environmental Profile

Use Better

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
REACh Regulation	REACh Declaration
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
PVC free	Yes

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Removable battery	No
Take-back	No

Product data sheet LGA36400U44X

Technical Illustration

Dimensions