

Product data sheet

Characteristics

LGL46400CU31X

Circuit breaker, PowerPacT L, 400A, 4 pole, 600VAC, 18kA, lugs, Micrologic 3.3, 100%



Product availability: Stock - Normally stocked in distribution facility

Price*: 7583.00 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 | 400 A |
| Poles description | 4P |
| 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 | 100 % |
| [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 |

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|------------------------------------|---|
| AWG gauge | AWG 2/0...500 kcmil aluminium/copper |
| 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 | AL600LS52K4 |
| 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) |
| Wire stripping length | 1.22 In (31 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 |

Environment

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|---------------------------------------|--|
| 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 | 28...158 °F (-2...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

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|-----------------------|---|
| Category | 01116-L ELEC TRIP UNIT MOUNT BREAKER/SW |
| Discount Schedule | DE2 |
| GTIN | 785901681984 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 17.00 Lb(US) (7.711 kg) |
| Returnability | Yes |
| Country of origin | US |

Packing Units

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|------------------------|--------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 13.39 In (34.0 cm) |
| Package 1 width | 7.28 In (18.5 cm) |
| Package 1 Length | 6.61 In (16.8 cm) |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: DIN-P, which is known to the State of California to cause cancer, and DID-P, 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 |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| PVC free | Yes |

Contractual warranty

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| Warranty | 18 months |
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| Product Life Status : | Commercialised |
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