

# Product data sheet

## Characteristics

# LJL36600M38X

Motor circuit protector, PowerPact L, 600A, 3 pole, 600VAC, 25kA, lugs, MicroLogic 2.3M, 80%



### Main

Range	PowerPact
Product name	PowerPact L
Device short name	L-Frame
Product or Component Type	Motor Circuit Protector
Device Application	Distribution

### Complementary

Line Rated Current	600 A
Number of Poles	3P
Control type	Toggle
Breaking capacity code	J
Breaking capacity	100 KA 240 V AC 50/60 Hz UL 489 65 KA 480 V AC 50/60 Hz UL 489 25 KA 600 V AC 50/60 Hz UL 489 20 kA 250 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	312...520 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 2/0...500 kcmil aluminium/copper
Local signalling	Ready 1 LED green) Alarm 1 LED 95 % (Ith 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
Tightening torque	442.54 lbf.in (50 N.m) 0.11...0.37 in <sup>2</sup> (70...240 mm <sup>2</sup> ) (AWG 2/0...500 kcmil)
Power wire stripping length	1.22 in (31 mm) 2.40 in (61 mm)
Color	Black
Height	13.39 in (340 mm)

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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[RETURN]CSA[RETURN]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

Category	01116-L ELEC TRIP UNIT MOUNT BREAKER/SW
Discount Schedule	DE2
GTIN	785901853602
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)

## Offer Sustainability

Sustainable offer status	Green Premium product
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
PVC free	Yes

## Contractual warranty

Warranty	18 months
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