LDL36600U31X

Circuit breaker, PowerPacT L, 600A, 3 pole, 600VAC, 14kA, lugs, MicroLogic 3.3, 80%





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	600 A
Number of Poles	3P
Control type	Toggle
Breaking capacity code	D
Breaking capacity	25 KA 240 V AC 50/60 Hz UL 489 18 KA 480 V AC 50/60 Hz UL 489 14 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
[lcs] rated service breaking capacity	25 KA 220/240 V AC 50/60 Hz IEC 60947-2 18 KA 380/440/415 V AC 50/60 Hz IEC 60947-2 14 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
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 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	AL600LS52K3
Long time pick-up adjustment range	0.251 x ln
Tightening torque	442.54 lbf.in (50 N.m) 0.110.37 in² (70240 mm²) (2 x AWG 2/0500 kcmil)
Number of slots	2 auxiliary switch OF plug-in)[RETURN]1 alarm switch SD plug-in)[RETURN]1 overcurrent trip switch SDE plug-in)[RETURN]1 voltage release MN or MX plug-in)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherent for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the dourn and restring of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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[RETURN]CSA[RETURN]NOM
IP degree of protection	Front cover IP40
Pollution degree	3 IEC 60947-1
Ambient Air Temperature for Operation	28158 °F (-270 °C)
Ambient Air Temperature for Storage	-58185 °F (-5085 °C)
Operating altitude	< 6561.68 ft (2000 m) without derating 5000 m with derating
Ordenium and objection details	
Ordering and shipping details	0444C L ELEC TRID LINIT MOLINT RREAVER/CW
Category	01116-L ELEC TRIP UNIT MOUNT BREAKER/SW
Discount Schedule	DE2
GTIN Data was a bilitar	00785901626701
Returnability Country of origin	No US
- Country of origin	
Packing Units	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.50 in (24.13 cm)
Package 1 Width	11.50 in (29.21 cm)
Package 1 Length	20.00 in (50.8 cm)
Package 1 Weight	17.10 lb(US) (7.756 kg)
Off O - 12.1 - 1.111	
Offer Sustainability	Con an Drawin was and dust
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 www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	☐ China RoHS Declaration
RoHS exemption information	
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
PVC free	Yes

Warranty 18 months