

Product data sheet

Specifications

SQUARE D

Green Premium™



Circuit breaker, PowerPact J, 250A, 3 pole, 600VAC, 25kA, lugs, Micrologic 3.2S, 80%

JLL36250U33X

Product availability : Stock - Normally stocked in distribution facility

Price* : 5,923.00 USD

Main

Product or Component Type Circuit breaker

Complementary

Line Rated Current 250 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
18 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 3.2 S, LSI

Continuous current rating 80 %

[Ui] rated insulation voltage 750 V IEC 60947-2

Trip unit name Micrologic 3.2 S

Protection Type Overload protection
Short-circuit protection

Suitability for isolation Yes IEC 60947-2

Utilisation category Category A

AWG gauge AWG 3/0...350 kcmil aluminium/copper terminals

Local signalling Ready 1 LED green)
Alarm 1 LED 90 % Ir orange)
Alarm 1 LED 105 % Ir red)
Switched off (OFF) 1 trip indicator green)

Mounting mode Unit mount lug)

Mounting Support Lug

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

Electrical connection	Lugs line Lugs load
Terminal identifier	AL250JD
Long time pick-up adjustment range	0.25...1 x I _n
Tightening torque	221.27 lbf.in (25 N.m) 0.15...0.29 in ² (95...185 mm ²) (AWG 3/0...350 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	0.98 in (25 mm)
Height	7.52 in (191 mm)
Width	4.09 in (104 mm)
Depth	3.39 in (86 mm)
Net Weight	5.29 lb(US) (2.4 kg)
Communication interface	Modbus

Environment

Quality labels	CE
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
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	01107-H/J ELEC TRIP UNIT MOUNT BREAKER/SW
Discount Schedule	DE2
GTIN	785901511762
Nbr. of units in pkg.	1
Package weight(Lbs)	48.50 lb(US) (22.0 kg)
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	12.20 in (31 cm)
Package 1 width	11.81 in (30 cm)
Package 1 Length	20.47 in (52 cm)

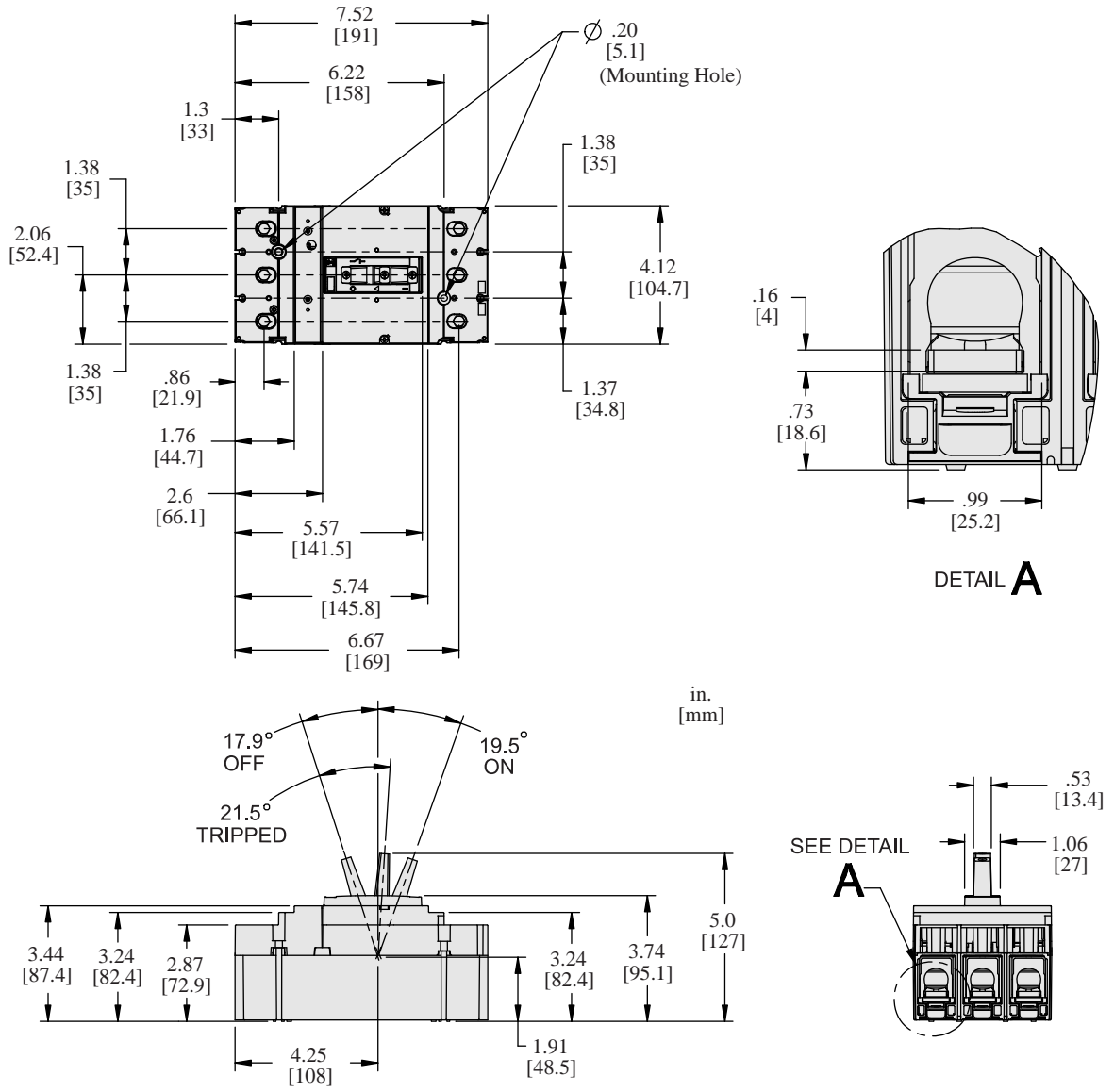
Offer Sustainability

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 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 Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
PVC free	Yes

Contractual warranty

Warranty	18 months
-----------------	-----------

Dimensions



ALL DIMENSIONS ARE APPROXIMATE.
 ALSO REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION.