

Product data sheet

Specifications

SQUARE D

Green Premium™



Circuit breaker, PowerPacT J, 200A, 3 pole, 600VAC, 50kA, I-Line, thermal magnetic, 80%, ABC

JLA36200

Main

Product or component type Circuit breaker

Complementary

[In] rated current 200 A

Number of Poles 3P

Control type Toggle

Breaking capacity code L

Breaking capacity 125 kA 240 V AC 50/60 Hz UL 489
100 kA 480 V AC 50/60 Hz UL 489
50 kA 600 V AC 50/60 Hz UL 489
20 kA 250 V DC UL 489
50 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 125 kA 220/240 V AC 50/60 Hz IEC 60947-2
100 kA 380/440/415 V AC 50/60 Hz IEC 60947-2
50 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 Thermal-magnetic

Magnetic tripping current 2000 A

Magnetic hold current 1000 A

Continuous current rating 80 %

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

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 aluminum/copper terminals

Local signalling 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 | AL250JD |
| Long time pick-up adjustment range | 0.25...1 x In |
| Mounting height | 4.5 in (114.30 mm) |
| 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) |
| Phase connection | ABC |
| Communication interface | Modbus |
| Circuit breaker application | HACR rated |

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 | < 2000 m without derating 5000 m with derating |

Packing Units

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|-------------------------------------|-----------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 6.10 in (15.5 cm) |
| Package 1 Width | 8.39 in (21.3 cm) |
| Package 1 Length | 14.88 in (37.8 cm) |
| Package 1 Weight | 6.68 lb(US) (3.03 kg) |

Offer Sustainability

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|---------------------------------|--|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |

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

Contractual warranty

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

