Product data sheet
Characteristics

MJL36700SA
Circuit breaker, PowerPacT M, 700A, 3 pole, 600VAC, 25kA, lugs, ET 1.0, 80%, shunt

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 12637.00 USD

Main

Range	PowerPact
Product name	PowerPact M
Product or Component Type	Circuit breaker
Device Application	Distribution

Complementary

Line Rated Current	700 A
Poles description	3P
Control Type	Operating handle
Breaking capacity code	J
Breaking capacity	AIR 100 kA 240 V AC 50/60 Hz UL 489 AIR 65 kA 480 V AC 50/60 Hz UL 489 AIR 25 kA 600 V AC 50/60 Hz UL 489 Icu 65 kA 240 V AC 50/60 Hz IEC 60947-2 Icu 50 kA 380/415 V AC 50/60 Hz IEC 60947-2
[Ue] rated operational voltage	600 V AC 50/60 Hz UL 489
Network Frequency	50/60 Hz
[Ics] rated service breaking capacity	35 KA 240 V AC 50/60 Hz IEC 60947-2 25 KA 380/415 V AC 50/60 Hz IEC 60947-2
[Uimp] rated impulse withstand voltage	8 KV IEC 60947-2
Trip unit technology	Electronic, basic, ET 1.0,
Magnetic tripping current	1400…7000 A
Continuous current rating	80 %
[Ui] rated insulation voltage	750 V IEC 60947-2
Trip unit name	ET 1.0
Accessory / separate part type	Shunt trip 24...30 V AC/DC
Suitability for isolation	Yes IEC 60947-2
Utilisation category	Category A
AWG gauge	3 x AWG 3/0...3 x 500 kcmil aluminium/copper
Local signalling	1 trip indicator green)

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This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Mounting mode	Unit mount lug)
Mounting Support	Lug
Electrical connection	Lugs, load Lugs, line
Terminal identifier	AL800M23K
Long time pick-up adjustment range	300...800 A
Tightening torque	442.54 Lbf.In (50 N.m) 0.15…0.37 in² (95…240 mm²) (3 x AWG 3/0...3 x 500 kcmil)
Number of slots	2 auxiliary switch OF plug-in) 1 alarm switch SD plug-in) 1 voltage release MN or MX plug-in)
Wire stripping length	0.98 In (25 mm)
Color	Black
Height	12.86 In (326.64 mm)
Width	8.27 In (210.06 mm)
Depth	8.05 In (204.47 mm)
Net Weight	29 Lb(US) (13.15 kg)
Quantity per Set	1
Circuit breaker application	HACR rated

Environment

Quality labels	CE
Standards	UL CSA NEMA NOM-003-SCFI-2000 IEC 60947-2
Product certifications	UL[RETURN]CSA[RETURN]NOM
IP degree of protection	IP40
Pollution degree	3 IEC 60947-1
Ambient Air Temperature for Operation	-13…158 °F (-25…70 °C)
Ambient Air Temperature for Storage	-58…185 °F (-50…85 °C)
Operating altitude	< 6561.68 ft (2000 m) without derating 13123.36 ft (4000 m) with derating

Ordering and shipping details

Category	US10DE201205
Discount Schedule	0DE2
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.00 In (25.4 cm)
Package 1 Width	11.75 In (29.845 cm)
Package 1 Length	17.81 In (45.245 cm)
Package 1 Weight	29.00 Lb(US) (13.154 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 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	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
PVC free	Yes

Contractual warranty

Warranty	18 months

Product Life Status : Commercialised