

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



### Main

Range	PowerPact
Product name	PowerPact B
Device short name	BJ 025
Product or component type	Circuit breaker
Device application	Distribution

### Complementary

Line Rated Current	25 A
Number of Poles	3P
Control type	Toggle
Breaking capacity code	J
Breaking capacity	100 kA 208Y/120 V AC 50/60 Hz UL 489 100 kA 240 V AC 50/60 Hz UL 489 65 kA 480/277 V AC 50/60 Hz UL 489 65 kA 480 V AC 50/60 Hz UL 489 25 kA 600Y/347 V AC 50/60 Hz UL 489 50 kA 250 V DC UL 489
[Ue] rated operational voltage	690 V AC 50/60 Hz UL 489
[Ics] rated service breaking capacity	100 kA 220...240 V AC 50/60 Hz IEC 60947-2 25 kA 500...525 V AC 50/60 Hz IEC 60947-2 2.5 kA 690 V AC 50/60 Hz IEC 60947-2 65 kA 380...415 V AC 50/60 Hz IEC 60947-2 65 kA 440 V AC 50/60 Hz IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV IEC 60947-2
Trip unit technology	Thermal-magnetic
Continuous current rating	80 %
[Ui] rated insulation voltage	800 V IEC 60947-2
Suitability for isolation	Yes IEC 60947-2

Disclaimer: 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

Utilisation category	Category A
Mechanical durability	20000 cycles IEC 947-1 Annex K ed 5.2
Electrical durability	10000 cycles IEC 947-1 Annex K ed 5.2 440 V In
Connection pitch	1.06 in (27 mm)
AWG gauge	AWG 14...AWG 2/0 aluminium/copper
Local signalling	for presence of auxiliary contacts flag (green)
Mounting mode	I-Line
Electrical connection	I-Line connection line Lugs load
Mounting height	4.49 in (114 mm)
Tightening torque	31.86...38.94 lbf.in (3.6...4.4 N.m) 0.00...0.01 in <sup>2</sup> (2.5...6 mm <sup>2</sup> ) (AWG 14...AWG 10) 44.25...54.87 lbf.in (5...6.2 N.m) 0.02...0.11 in <sup>2</sup> (10...70 mm <sup>2</sup> ) (AWG 8...AWG 2/0)
Number of slots	1 auxiliary switch OF plug-in 1 voltage release MN or MX plug-in 1 alarm switch SD plug-in
Power wire stripping length	0.79 in (20 mm)
Color	Gray RAL 7016)
9 mm pitches	9
Height	5.39 in (137 mm)
Width	3.19 in (81 mm)
Depth	3.50 in (89 mm)
Net Weight	2.90 lb(US) (1.315 kg)
Quantity per set	Set of 1
Phase connection	CBA

## Environment

Quality labels	CE
Standards	EN/IEC 60947-2 NEMA AB1 UL 489 NMX J-266 EN/IEC 60947-5-1 CSA C22.2 No 5 GB 14048.2
Product certifications	UL IEC CCC EAC CSA NOM
IP degree of protection	Front cover IP40 IEC 60529
IK degree of protection	IK07 IEC 62262
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 5000 m with derating

## Ordering and shipping details

Category	01135 - BJA/BKA I-LINE BREAKER
Discount Schedule	DE2
Nbr. of units in pkg.	1
Package weight(Lbs)	3.79 lb(US) (1.72 kg)
Returnability	Yes
Country of origin	US

## 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
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
PVC free	Yes
Halogen content performance	Halogen free product