

# Product data sheet

Specifications



Circuit breaker, PowerPacT B, 20A, 3 pole, 600Y/347VAC, 25kA, I-Line, thermal magnetic, 80%, ABC

BJA36020

Product availability : Stock - Normally stocked in distribution facility

Price\* : 1,928.00 USD

## Main

Range	PowerPact
Product name	PowerPact B
Device short name	BJ 020
Product or Component Type	Circuit breaker
Device Application	Distribution

## Complementary

Line Rated Current	20 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
Network Frequency	50/60 Hz
[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 10 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
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

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

Connection pitch	1.06 in (27 mm)
AWG gauge	AWG 14...AWG 2/0 aluminium/copper
Local signalling	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 in² (2.5...6 mm²) (AWG 14...AWG 10) 44.25...54.87 lbf.in (5...6.2 N.m) 0.02...0.11 in² (10...70 mm²) (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	ABC
Circuit breaker application	HACR rated

## Environment

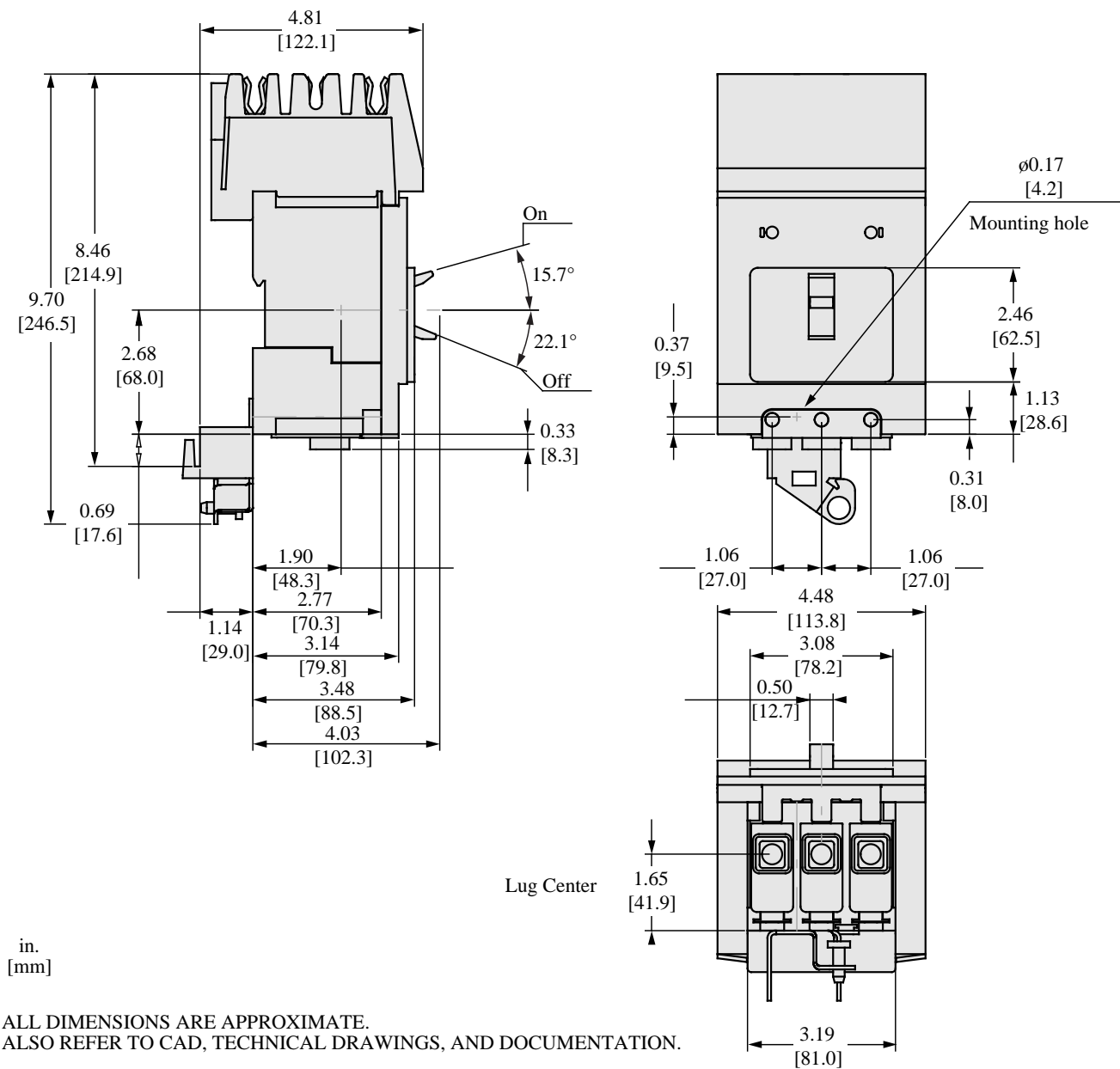
Quality labels	CE
Standards	NEMA AB1 GB 14048.2 NMX J-266 EN/IEC 60947-2 UL 489 EN/IEC 60947-5-1 CSA C22.2 No 5
Product certifications	UL IEC CCC EAC CSA NOM
IP degree of protection	Front cover IP40 IEC 60529
IK degree of protection	IK07 IEC 62262
Pollution degree	3 IEC 60947-1
Ambient Air Temperature 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
GTIN	3606481154248
Returnability	Yes

Country of origin	MX
<b>Packing Units</b>	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.88 in (12.4 cm)
Package 1 Width	8.11 in (20.6 cm)
Package 1 Length	12.80 in (32.5 cm)
Package 1 Weight	4.10 lb(US) (1.86 kg)
<b>Offer Sustainability</b>	
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>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
PVC free	Yes
Halogen content performance	Halogen free product

Dimensions



Recommended replacement(s)