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

compromentary		
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 220240 V AC 50/60 Hz IEC 60947-2 25 kA 500525 V AC 50/60 Hz IEC 60947-2 2.5 kA 690 V AC 50/60 Hz IEC 60947-2 65 kA 380415 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	
Connection pitch	1.06 in (27 mm)	
AWG gauge	AWG 14AWG 2/0 aluminium/copper	

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

Local signalling	Presence of auxiliary contacts flag green)	
Mounting mode	I-Line	
Electrical connection	I-Line connection, line Lugs, load	
Mounting Height	4.5 in (114 mm)	
Tightening torque	31.938.9 lbf.in (3.64.4 N.m) 0.0040.009 in² (2.56 mm²) (AWG 14AWG 10) 44.354.9 lbf.in (56.2 N.m) 0.020.1 in² (1070 mm²) (AWG 8AWG 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	0.8 in (20 mm)	
Color	Gray RAL 7016)	
9 mm pitches	9	
Height	5.4 in (137 mm)	
Width	3.2 in (81 mm)	
Depth	3.5 in (89 mm)	
Net Weight	2.899 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 conforming to IEC 62262	
Pollution degree	3 IEC 60947-1	
Ambient air temperature for operation	-13158 °F (-2570 °C)	
Ambient Air Temperature for Storage	-58185 °F (-5085 °C)	
Operating altitude	< 6561.68 ft (2000 m) without derating 5000 m with derating	

Ordering and shipping details

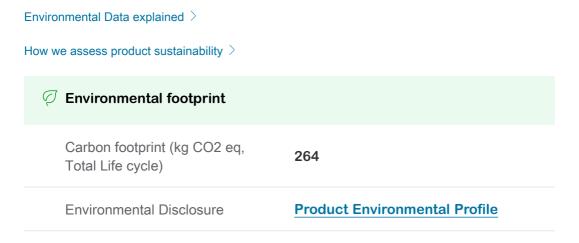
Category	US10DE201135
Discount Schedule	0DE2
GTIN	3606481154248
Returnability	Yes

Country of origin	MX
Packing Units	
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)

Jan 21, 2025

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.



Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
REACh Regulation	REACh Declaration
China RoHS Regulation	China RoHS declaration
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
PVC free	Yes

Use Again

\circlearrowright Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Removable battery	Νο
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Halogen content performance	Halogen free product
Take-back	Νο

Product data sheet

Technical Illustration

Dimensions

