## Product data sheet

Specifications



### Circuit breaker, PowerPacT B, 80A, 2 pole, 600Y/347VAC, 25kA, I-Line, thermal magnetic, 80%, BC

BJA260804

() Discontinued on: Dec 1, 2023

() To be end-of-service on: Dec 31, 2024

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

#### Main

Range	PowerPact
Product name	PowerPact B
Device short name	BJ 080
Product or Component Type	Circuit breaker
Device Application	Distribution

### Complementary

Line Rated Current	80 A
Number of Poles	2P
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)

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

AWG gauge	AWG 14AWG 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	3.000000000 in (76.2 mm)
Tightening torque	31.938.9 lbf.in (3.64.4 N.m) 0.0040.009 in <sup>2</sup> (2.56 mm <sup>2</sup> ) (AWG 14AWG 10) 44.354.9 lbf.in (56.2 N.m) 0.020.1 in <sup>2</sup> (1070 mm <sup>2</sup> ) (AWG 8AWG 2/0)
Number of slots	1 auxiliary switch OF plug-in) 1 voltage release MN or MX plug-in)
Power wire stripping length	0.8 in (20 mm)
Color	Gray RAL 7016)
9 mm pitches	6
Height	5.4 in (137 mm)
Width	2.1 in (54 mm)
Depth	3.5 in (89 mm)
Net Weight	2.099 lb(US) (0.952 kg)
Quantity per Set	Set of 1
Phase connection	BC
Circuit breaker application	HACR rated

### Environment

Quality labels	CE
Standards	CSA C22.2 No 5
	EN/IEC 60947-2
	EN/IEC 60947-5-1
	NMX J-266
	NEMA AB1
	UL 489
	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 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	3606486118955

Returnability	Yes
Packing Units	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.4 in (13.7 cm)
Package 1 Width	2.1 in (5.4 cm)
Package 1 Length	3.5 in (8.9 cm)
Package 1 Weight	2.899 lb(US) (1.315 kg)

### Sustainability Screen

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

#### Well-being performance

Mercury Free	
Rohs Exemption Information	Yes
Pvc Free	
Halogen Free Product	

#### **Certifications & Standards**

Eu Rohs Directive	Compliant
	EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
	Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
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

### Product data sheet

#### **Technical Illustration**

#### Dimensions

