

# Product data sheet

## Characteristics

# BJL16100

Circuit breaker, PowerPact B, 100A, 1 pole, 25 kA, 600Y/347 VAC, EverLink lugs both ends



Price\*: 711.00 USD



### Main

Range	PowerPact
Product name	PowerPact B
Device short name	BJ 100
Product or Component Type	Circuit breaker
Device Application	Distribution

### Complementary

Line Rated Current	100 A
Poles description	1P
Protected poles description	1t
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 480Y/277 V AC 50/60 Hz UL 489 25 KA 600Y/347 V AC 50/60 Hz UL 489 50 KA 125 V DC UL 489
[Ue] rated operational voltage	240 V AC 50/60 Hz UL 489
Network Frequency	50/60 Hz
[Ics] rated service breaking capacity	65 KA 220...240 V AC 50/60 Hz IEC 60947-2
[Uimp] rated impulse withstand voltage	8 KV IEC 60947-2
Trip unit technology	Thermal-magnetic <sup>TM</sup> -D,
Continuous current rating	80 %
[Ui] rated insulation voltage	800 V IEC 60947-2
Trip unit name	TM-D
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
Mechanical durability	15000 Cycles IEC 947-1 Annex F ed 5.2
Electrical durability	10000 Cycles IEC 947-1 Annex K ed 5.2 In
Connection pitch	1.06 In (27 mm)
AWG gauge	AWG 6...AWG 2/0 fine stranded aluminium/copper AWG 14...AWG 3/0 rigid or stranded aluminium/copper

Mounting mode	Clip-on (35 mm symmetrical DIN rail) By screws (plate)
Electrical connection	Everlink lug line Everlink lug load
Tightening torque	44.25 Lbf.In (5 N.m) 0.00...0.02 in <sup>2</sup> (2.5...16 mm <sup>2</sup> ) (AWG 14...AWG 4) 79.66 Lbf.In (9 N.m) 0.04...0.15 in <sup>2</sup> (25...95 mm <sup>2</sup> ) (AWG 3...AWG 3/0)
Wire stripping length	0.79 In (20 mm)
Color	Grey (RAL 7016)
9 mm pitches	3
Maximum Height	5.39 In (137 mm)
Maximum Width	1.06 In (27 mm)
Maximum Depth	3.15 In (80 mm)
Net Weight	1.12 Lb(US) (0.51 kg)
Quantity per Set	Set of 1

## Environment

Quality labels	CE
Standards	EN/IEC 60947-5-1 NMX J-266 EN/IEC 60947-2 UL 489 GB 14048.2 CSA C22.2 No 5 NEMA AB1
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	-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	01132-BJ/BK UNIT MOUNT BREAKER/SWITCH
Discount Schedule	DE2
GTIN	03606481194008
Nbr. of units in pkg.	1
Package weight(Lbs)	16.00 Oz (453.592 g)
Returnability	Yes
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.40 In (3.556 cm)
Package 1 width	4.70 In (11.938 cm)
Package 1 Length	7.50 In (19.05 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: Cancer and Reproductive Harm - <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>
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

Product Life Status : **Commercialised**