



Product availability: Stock - Normally stocked in distribution facility



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	3P
Protected poles description	3t
Control type	Toggle
Breaking capacity code	J
Breaking capacity	100 kA at 240 V AC 50/60 Hz according to UL 489 65 kA at 480 V AC 50/60 Hz according to UL 489 Icu: 100 kA at 220...240 V AC 50/60 Hz according to IEC 60947-2 Icu: 65 kA at 380...415 V AC 50/60 Hz according to IEC 60947-2 Icu: 65 kA at 440 V AC 50/60 Hz according to IEC 60947-2 Icu: 25 kA at 500...525 V AC 50/60 Hz according to IEC 60947-2 Icu: 10 kA at 690 V AC 50/60 Hz according to IEC 60947-2 25 kA at 480Y/277 V AC 50/60 Hz according to UL 489 25 kA at 600Y/347 V AC 50/60 Hz according to UL 489 100 kA at 208Y/120 V AC 50/60 Hz according to UL 489 690 V AC 50/60 Hz according to IEC 60947-2 600Y/347 V AC 50/60 Hz according to UL 489 100 kA: at 220...240 V AC 50/60 Hz according to IEC 60947-2 65 kA: at 380...415 V AC 50/60 Hz according to IEC 60947-2 65 kA: at 440 V AC 50/60 Hz according to IEC 60947-2 25 kA: at 500...525 V AC 50/60 Hz according to IEC 60947-2 10 kA: at 690 V AC 50/60 Hz according to IEC 60947-2
System Voltage	8 kV according to IEC 60947-2 800 V according to IEC 60947-2
[Ics] rated service breaking capacity	Thermal-magnetic TM-D Yes according to IEC 60947-2
[Uimp] rated impulse withstand voltage	Category A
[Ui] rated insulation voltage	20000 cycles according to IEC 947-1 Annex K ed 5.2
Trip unit technology	10000 cycles according to IEC 947-1 Annex K ed 5.2 In at 440 V
Trip unit name	1.06 in (27 mm)
Suitability for isolation	Green flag presence of auxiliary contacts
Utilisation category	I-Line
Mechanical durability	
Electrical durability	
Connection pitch	
Local signalling	
Mounting mode	

Electrical connection	I-Line connection at line Lugs at load
AWG gauge	AWG 14...AWG 2/0 (aluminium/copper)
Mounting height	4.49 in (114 mm)
Tightening torque	3.6...4.4 N.m 0...0.01 in ² (2.5...6 mm ²) (AWG 14...AWG 10) 5...6.2 N.m 0.02...0.11 in ² (10...70 mm ²) (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)
Wire stripping length	0.79 in (20 mm)
Colour	Grey (RAL 7016)
9 mm pitches	9
Height	5.39 in (137 mm)
Width	3.19 in (81 mm)
Depth	3.5 in (89 mm)
Product weight	2.9 lb(US) (1.315 kg)
Quantity per set	Set of 1
Phase connection	ABC
Continuous current rating	80 %

Environment

Quality labels	CE
Standards	EN/IEC 60947-2 EN/IEC 60947-5-1 GB 14048.2 NEMA AB1 UL 489 CSA C22.2 No 5 NMX J-266
Product certifications	UL CSA CCC EAC NOM IEC
IP degree of protection	IP40 (front cover) according to IEC 60529
IK degree of protection	IK07 according to IEC 62262
Pollution degree	3 according to 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	5000 m with derating 6561.68 ft (2000 m) without derating

Ordering and shipping details

Category	01135 - BJA/BKA I-LINE BREAKER
Discount Schedule	DE2
GTIN	003606481185921
Nbr. of units in pkg.	1
Package weight(Lbs)	3.79
Returnability	Y
Country of origin	MX

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1644 - Schneider Electric declaration of conformity Schneider-Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Product Life Status : **Commercialised**