Product data sheet
Characteristics

BJP46100
PowerPact B Circuit Breaker, 100A, 4P, 600Y/347V AC, 25kA at 600Y UL EverLink

Price** : 3,037.00 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
Number of Poles	4P
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
[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 2.5 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
[Ui] rated insulation voltage	800 V IEC 60947-2
Trip unit technology	Thermal-magnetic
Suitability for isolation	Yes IEC 60947-2
Utilisation category	Category A
Mechanical durability	20000 cycles IEC 947-1 Annex K ed 5.2

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Electrical durability	10000 cycles IEC 947-1 Annex K ed 5.2 440 V In
Connection pitch	1.06 in (27 mm)
Local signalling	Presence of auxiliary contacts flag green)
Mounting mode	Clip-on 35 x 15 mm symmetrical DIN rail) By screws plate)
Electrical connection	Everlink lug load Terminal nut line
AWG gauge	AWG 6...AWG 2/0 fine stranded aluminium/copper AWG 14...AWG 3/0 rigid or stranded aluminium/copper
Tightening torque	44.25 lbf.in (5 N.m) 0.00…0.02 in² (2.5…16 mm²) AWG 14...AWG 4) 79.66 lbf.in (9 N.m) 0.04…0.15 in² (25…95 mm²) AWG 3...AWG 3/0)
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	12
Maximum Height	5.39 in (137 mm)
Maximum Width	4.25 in (108 mm)
Maximum Depth	3.15 in (80 mm)
Net Weight	3.18 lb(US) (1.441 kg)
Quantity per set	Set of 1
Continuous current rating	80 %

Environment

Quality labels	CE
Standards	GB 14048.2 NEMA AB1 UL 489 EN/IEC 60947-2 NMX J-266 CSA C22.2 No 5 EN/IEC 60947-5-1
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	01132-BJ/BK UNIT MOUNT BREAKER/SWITCH
Discount Schedule	DE2
Package weight(Lbs)	3.60 lb(US) (1.633 kg)
Returnability	Yes