



## Main

Range	PowerPact
Product name	PowerPact B
Device short name	BJ 030
Product or component type	Circuit breaker
Device application	Distribution

## Complementary

Line Rated Current	30 A
Number of Poles	1P
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 AC DC
[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
[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
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 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)
Color	Grey RAL 7016)
9 mm pitches	3
Height	5.39 in (137 mm)
Width	1.06 in (27 mm)
Depth	3.15 in (80 mm)
Net weight	1.12 lb(US) (0.51 kg)

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Quantity per set	Set of 1
Continuous current rating	80 %

## Environment

Standards	GB 14048.2 CSA C22.2 No 5 NMX J-266 EN/IEC 60947-2 EN/IEC 60947-5-1 UL 489 NEMA AB1
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)	21.92 oz (621.422 g)
Returnability	Yes

## Offer Sustainability

Sustainable offer status	Green Premium product
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>
Circularity Profile	No need of specific recycling operations