## Product data sheet Characteristics

# BJF16015

Circuit breaker, PowerPacT B, 15A, 1 pole, 600Y/347VAC, 25kA, terminal nut, thermal magnetic, 80%



#### Main

Range	PowerPact
Product name	PowerPact B
Device short name	BJ 015
Product or component type	Circuit breaker
Device application	Distribution

#### Complementary

[In] rated current	15 A
Number of Poles	1P
Protected poles description	1t
Control type	Toggle
Breaking capacity code	J
Breaking capacity	100 KA at 208Y/120 V AC 50/60 Hz conforming to UL 489 100 KA at 240 V AC 50/60 Hz conforming to UL 489 65 KA at 480Y/277 V AC 50/60 Hz conforming to UL 489 25 KA at 600Y/347 V AC 50/60 Hz conforming to UL 489 50 kA at 125 V DC conforming to UL 489
[Ue] rated operational voltage	240 V AC 50/60 Hz conforming to UL 489
Network frequency	50/60 Hz
[lcs] rated service breaking capacity	65 kA at 220240 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
Trip unit technology	Thermal-magneticTM-D,
Continuous current rating	80 %
[Ui] rated insulation voltage	800 V conforming to 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 conforming to IEC 947-1 Annex F ed 5.2
Electrical durability	10000 cycles conforming to IEC 947-1 Annex K ed 5.2 In
Connection pitch	27 mm
AWG gauge	AWG 14AWG 8 aluminium/copper AWG 6AWG 3/0 aluminium/copper
Mounting mode	Clip-on (35 mm symmetrical DIN rail) By screws (plate)
Electrical connection	Terminal nut, ON and OFF end
Tightening torque	5 N.M for 2.516 mm² (AWG 14AWG 4) 9 N.m for 2595 mm² (AWG 3AWG 3/0)
Power wire stripping length	20 mm
Color	Grey (RAL 7016)
9 mm pitches	3
Height	137 mm

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Width	27 mm
Depth	80 mm
Net weight	0.46 kg
Quantity per set	Set of 1
Circuit breaker application	HACR rated

### Environment

Quality labels	CE
Standards	UL 489 NEMA AB1 EN/IEC 60947-5-1 EN/IEC 60947-2 CSA C22.2 No 5 NMX J-266 GB 14048.2
Product certifications	UL[RETURN]IEC[RETURN]CCC[RETURN]EAC[RETURN]CSA[RETURN]NOM
IP degree of protection	Front cover: IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-5085 °C
Operating altitude	2000 m without derating 5000 m with derating

### Offer Sustainability

Oner odstaniability	
Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
RoHS exemption information	€Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

