Product data sheet Characteristics

BJL26070LU

Circuit breaker, PowerPacT B, 70A, 2 pole, 600Y/347VAC, 25kA, lugs, thermal magnetic, 80%, control wire ON end

Main

Range	PowerPact
Product name	PowerPact B
Device short name	BJ 070
Product or component type	Circuit breaker
Device application	Distribution

Complementary

Complementary	
[In] rated current	70 A
Number of Poles	2P
Protected poles description	2t
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 480/277 V AC 50/60 Hz conforming to UL 489 65 KA at 480 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 250 V DC conforming to UL 489
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to UL 489
Network frequency	50/60 Hz
[lcs] rated service breaking capacity	100 KA at 220240 V AC 50/60 Hz conforming to IEC 60947-2 25 KA at 500525 V AC 50/60 Hz conforming to IEC 60947-2 2.5 KA at 690 V AC 50/60 Hz conforming to IEC 60947-2 65 KA at 380415 V AC 50/60 Hz conforming to IEC 60947-2 65 kA at 440 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 K ed 5.2
Electrical durability	10000 cycles conforming to IEC 947-1 Annex K ed 5.2 at 440 V In
Connection pitch	27 mm
AWG gauge	AWG 6AWG 2/0 fine stranded aluminium/copper AWG 14AWG 3/0 rigid or stranded aluminium/copper
Local signalling	Presence of auxiliary contacts: flag (green)
Mounting mode	Clip-on (35 mm symmetrical DIN rail) By screws (plate)
Electrical connection	Everlink lug, line Everlink lug, load
Tightening torque	5 N.M for 2.516 mm² (AWG 14AWG 4) 9 N.m for 2595 mm² (AWG 3AWG 3/0)

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Number of slots	1 slot(s) for auxiliary switch OF (plug-in)[RETURN]1 slot(s) for voltage release MN or MX (plug-in)
Power wire stripping length	20 mm
Color	Grey (RAL 7016)
9 mm pitches	6
Height	137 mm
Width	54 mm
Depth	80 mm
Net weight	0.769 kg
Quantity per set	Set of 1
Circuit breaker application	HACR rated

Environment

Quality labels	CE
Standards	EN/IEC 60947-5-1
	NEMA AB1
	CSA C22.2 No 5
	UL 489
	EN/IEC 60947-2
	GB 14048.2
	NMX J-266
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

EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
RoHS exemption information	₫Yes
China RoHS Regulation	☑ China RoHS Declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins