BJL36020LU

Circuit breaker, PowerPacT B, 20A, 3 pole, 600Y/347VAC, 25kA, lugs, thermal magnetic, 80%, control wire ON end

Green Premium™

Main

Range	PowerPact
Product name	PowerPact B
Device short name	BJ 020
Product or Component Type	Circuit breaker
Device Application	Distribution

Complementary

Line Rated Current	20 A
Number of Poles	3P
Protected poles description	3t
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
Network Frequency	50/60 Hz
[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 10 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
Trip unit technology	Thermal-magneticTM-D,
Continuous current rating	80 %
[Ui] rated insulation voltage	800 V IEC 60947-2
Trip unit name	TM-D
Suitability for isolation	Yes IEC 60947-2
Utilisation category	Category A
Mechanical durability	15000 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)
AWG gauge	AWG 6...AWG 2/0 fine stranded aluminium/copper AWG 14...AWG 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	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	9
Height	5.39 in (137 mm)
Width	3.19 in (81 mm)
Depth	3.15 in (80 mm)
Net Weight	2.37 lb(US) (1.074 kg)
Quantity per Set	Set of 1
Circuit breaker application	HACR rated

Environment

Quality labels	CE
Standards	NEMA AB1
	GB 14048.2
	CSA C22.2 No 5
	EN/IEC 60947-5-1
	UL 489
	EN/IEC 60947-2
	NMX J-266
Product certifications	UL[RETURN]IEC[RETURN]CCC[RETURN]EAC[RETURN]CSA[RETURN]NOM
IP degree of protection	Front cover IP40 IEC 60529
IK degree of protection	IK07 conforming to 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	US10DE201132
Discount Schedule	0DE2
GTIN	3606481149664
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.70 in (11.938 cm)
Package 1 Width	3.30 in (8.382 cm)
Package 1 Length	8.10 in (20.574 cm)
Package 1 Weight	2.60 lb(US) (1.179 kg)
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	18.74 lb(US) (8.5 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
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.
PVC free	Yes
Halogen content performance	Halogen free product