

BJL36050LU

Circuit breaker, PowerPact B, 50A, 3 pole, 25 kA, 600Y/347 VAC, UL, Everlink, control wire ON end



Main

Range	PowerPact
Product name	PowerPact B
Device short name	BJ 050
Product or component type	Circuit breaker
Device application	Distribution

Complementary

[In] rated current	50 A
Number of Poles	3P
Protected poles description	3t
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
[Ics] rated service breaking capacity	100 KA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 25 KA at 500...525 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 380...415 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 IEC 60947-2
Trip unit technology	Thermal-magnetic
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 6...AWG 2/0 fine stranded aluminium/copper AWG 14...AWG 3/0 rigid or stranded aluminium/copper
Local signalling	Flag (green) for presence of auxiliary contacts
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 2.5...16 mm ² (AWG 14...AWG 4) 9 N.m for 25...95 mm ² (AWG 3...AWG 3/0)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Number of slots	1 slot(s) for auxiliary switch OF (plug-in) 1 slot(s) for voltage release MN or MX (plug-in) 1 slot(s) for alarm switch SD (plug-in)
Power wire stripping length	20 mm
Color	Grey (RAL 7016)
9 mm pitches	9
Height	137 mm
Width	81 mm
Depth	80 mm
Net weight	1.074 kg
Quantity per set	Set of 1

Environment

Quality labels	CE
Standards	EN/IEC 60947-5-1 NEMA AB1 EN/IEC 60947-2 UL 489 GB 14048.2 NMX J-266 CSA C22.2 No 5
Product certifications	UL IEC CCC EAC CSA 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	-25...70 °C
Ambient air temperature for storage	-50...85 °C
Operating altitude	2000 m without derating 5000 m with derating

Packing Units

Package 1 Weight	1.179 kg
Package 1 Height	11.938 cm
Package 1 width	8.382 cm
Package 1 Length	20.574 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
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