

Circuit breaker, PowerPacT B, 50A, 2 pole, 600Y/347VAC, 25kA, terminal nut, thermal magnetic, 80%

BJF26050

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range	PowerPact
Product name	PowerPact B
Device short name	BJ 050
Product or Component Type	Circuit breaker
Device Application	Distribution

Complementary

Line Rated Current	50 A	
Number of Poles	2P	
Protected poles description	2t	
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 220240 V AC 50/60 Hz IEC 60947-2 25 kA 500525 V AC 50/60 Hz IEC 60947-2 2.5 kA 690 V AC 50/60 Hz IEC 60947-2 65 kA 380415 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)	

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

AWG 14AWG 8 aluminium/copper AWG 6AWG 3/0 aluminium/copper	
Presence of auxiliary contacts flag green)	
Clip-on 35 mm symmetrical DIN rail)	
By screws plate)	
Terminal nut, ON and OFF end	
44.3 lbf.in (5 N.m) 0.0040.02 in² (2.516 mm²) (AWG 14AWG 4)	
79.7 lbf.in (9 N.m) 0.040.1 in² (2595 mm²) (AWG 3AWG 3/0)	
1 auxiliary switch OF plug-in)	
1 voltage release MN or MX plug-in)	
0.8 in (20 mm)	
Gray RAL 7016)	
6	
5.4 in (137 mm)	
2.1 in (54 mm)	
3.1 in (80 mm)	
1.475 lb(US) (0.669 kg)	
Set of 1	
HACR rated	

Environment

Quality labels	CE	
Standards	GB 14048.2 CSA C22.2 No 5 UL 489 NMX J-266 EN/IEC 60947-2 NEMA AB1 EN/IEC 60947-5-1	
Product certifications	UL IEC CCC EAC CSA 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	-13158 °F (-2570 °C)	
Ambient Air Temperature for Storage	-58185 °F (-5085 °C)	
Operating altitude	6561.68 ft (2000 m) without derating 5000 m with derating	

Ordering and shipping details

Category	US10DE201132
Discount Schedule	0DE2
GTIN	3606481193803
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.40 in (6.096 cm)
Package 1 Width	4.70 in (11.938 cm)
Package 1 Length	8.10 in (20.574 cm)
Package weight(Lbs)	24.0 oz (680.4 g)



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint		
Carbon footprint (kg CO2 eq, Total Life cycle)	156	

Use Better

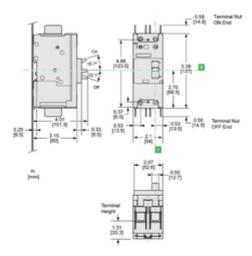
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
REACh Regulation	REACh Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to 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
Halogen content performance	Halogen free product
PVC free	Yes

Use Again

○ Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Technical Illustration

Dimensions



(F) TERMINATION OPTION - Terminal Nut (ON end) / Terminal Nut (OFF end ALL DIMENSIONS ARE APPROXIMATE.