

Product data sheet

Specifications



Circuit breaker, PowerPacT B,
110A, 3 pole, 600Y/347VAC, 25kA,
lugs, thermal magnetic, 80%, control
wire ON end

BJL36110LU

Main

Range	PowerPact
Product name	PowerPact B
Device short name	BJ 110
Product or component type	Circuit breaker
Device application	Distribution

Complementary

[In] rated current	110 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
Network frequency	50/60 Hz
[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 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 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	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)
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
Product weight	1.074 kg
Quantity per set	Set of 1
Circuit breaker application	HACR rated

Environment

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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.400 cm
Package 1 Width	11.900 cm

Package 1 Length	20.600 cm
Package 1 Weight	1.178 kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	8.440 kg



Environmental Data

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

Total lifecycle Carbon footprint 275

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

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: Cancer and Reproductive Harm - www.P65Warnings.ca.gov**

Halogen-free status Halogen free product

PVC free Yes

Use Again

Repack and remanufacture

End of life manual availability No need of specific recycling operations

Take-back No

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins