

Circuit breaker, PowerPacT B, 100A, 3 pole, 600Y/347VAC, 18kA, lugs, thermal magnetic, 80%

BGL36100

Product availability: Stock - Normally stocked in distribution

facility

Price*: 1,531.00 USD

Main

Range	PowerPact
product name	PowerPact B
Device short name	BG 100
Product or Component Type	Circuit breaker
Device Application	Distribution

Complementary

Line Rated Current	100 A	
Number of Poles	3P	
Control Type	Toggle	
Breaking capacity code	G	
Breaking capacity	65 kA 208Y/120 V AC 50/60 Hz UL 489 65 kA 240 V AC 50/60 Hz UL 489 35 kA 480/277 V AC 50/60 Hz UL 489 35 kA 480 V AC 50/60 Hz UL 489 20 kA 250 V DC UL 489 18 kA 600Y/347 V AC 50/60 Hz UL 489	
[Ue] rated operational voltage	525 V AC 50/60 Hz UL 489	
Network Frequency	50/60 Hz	
[Ics] rated service breaking capacity	65 kA 220240 V AC 50/60 Hz IEC 60947-2 18 kA 500525 V AC 50/60 Hz IEC 60947-2 35 kA 380415 V AC 50/60 Hz IEC 60947-2 35 kA 440 V AC 50/60 Hz 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 IEC 60947-2	
Suitability for isolation	Yes IEC 60947-2	
Utilisation category	Category A	
Mechanical durability	20000 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 6AWG 2/0 fine stranded aluminium/copper AWG 14AWG 3/0 rigid or stranded aluminium/copper	

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

Local signalling	Presence of auxiliary contacts flag green)	
Mounting mode	Clip-on 35 x 15 mm symmetrical DIN rail) By screws plate)	
Electrical connection	Everlink lug, line Everlink lug, load	
Tightening torque	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)	
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	0.8 in (20 mm)	
Color	Gray RAL 7016)	
9 mm pitches	9	
Height	5.4 in (137 mm)	
Width	3.2 in (81 mm)	
Depth	3.1 in (80 mm)	
Net Weight	2.368 lb(US) (1.074 kg)	
Quantity per Set	Set of 1	
Circuit breaker application	HACR rated	

Environment

Quality labels	CE	
Standards	NMX J-266 GB 14048.2 EN/IEC 60947-2 CSA C22.2 No 5 EN/IEC 60947-5-1 NEMA AB1 UL 489	
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	US10DE201131
Discount Schedule	0DE2
GTIN	3606481154132
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.50 in (8.9 cm)
Package 1 Width	6.42 in (16.3 cm)
Package 1 Length	10.20 in (25.9 cm)
Package 1 Weight	3.11 lb(US) (1.41 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	
Carbon footprint (kg CO2 eq, Total Life cycle)	271
Environmental Disclosure	Product Environmental Profile

Use Better

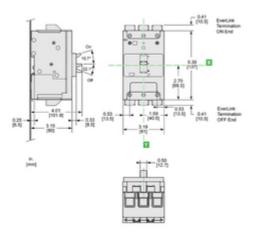
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
REACh Regulation	REACh Declaration
China RoHS Regulation	China RoHS declaration
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, 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
PVC free	Yes

Use Again

Circularity Profile No need of specific recycling operations The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. Halogen content performance Halogen free product Take-back No

Technical Illustration

Dimensions



(L) TERMINATION OPTION - EverLink (OM end) / EverLink (OFF end) ALL OMENSIONS ARE APPROXIMATE.