

Circuit breaker, PowerPacT B, 110A, 1 pole, 600Y/347VAC, 18kA, lugs, thermal magnetic, 80%

BGL16110

## Main

Range	PowerPact
product name	PowerPact B
Device short name	BG 110
Product or Component Type	Circuit breaker
Device Application	Distribution

### Complementary

Complementary		
Line Rated Current	110 A	
Number of Poles	1P	
Protected poles description	1t	
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 480Y/277 V AC 50/60 Hz UL 489 20 kA 600Y/347 V AC 50/60 Hz UL 489 20 kA 125 V DC UL 489	
[Ue] rated operational voltage	240 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	
[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 F ed 5.2	
Electrical durability	10000 cycles IEC 947-1 Annex K ed 5.2 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	
Mounting mode	Clip-on 35 mm symmetrical DIN rail) By screws plate)	

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

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)	
Power wire stripping length	0.8 in (20 mm)	
Color	Gray RAL 7016)	
9 mm pitches	3	
Height	5.4 in (137 mm)	
Width	1.06 in (27 mm)	
Depth	3.1 in (80 mm)	
Net Weight	1.12 lb(US) (0.51 kg)	
Quantity per Set	Set of 1	
Circuit breaker application	HACR rated	

# **Environment**

Quality labels	CE
Standards	NMX J-266 EN/IEC 60947-5-1 EN/IEC 60947-2 CSA C22.2 No 5 NEMA AB1 UL 489 GB 14048.2
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	01131-BG UNIT MOUNT BREAKER/SWITCH	
Discount Schedule	DE2	
GTIN	3606481193414	
Returnability	No	
Country of origin	MX	

# Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.40 in (3.556 cm)

Package 1 Width	4.70 in (11.938 cm)	
Package 1 Length	7.50 in (19.05 cm)	
Package 1 Weight	16.000 oz (453.592 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)	131
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
California proposition 65	WARNING: Cancer and Reproductive Harm - 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.