



Circuit breaker, PowerPacT B, 30A, 3 pole, 600Y/347VAC, 18kA, I-Line, thermal magnetic, 80%, ABC

BGA36030

Product availability: Stock - Normally stocked in distribution facility

Price\*: 1,418.00 USD

### Main

Range	PowerPact
product name	PowerPact B
Device short name	BG 030
Product or Component Type	Circuit breaker
Device Application	Distribution

# Complementary

Line Rated Current	30 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)	

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

AWG gauge	AWG 14AWG 2/0 aluminium/copper	
Local signalling	Presence of auxiliary contacts flag green)	
Mounting mode	I-Line	
Electrical connection	I-Line connection, line Lugs, load	
Mounting Height	4.5 in (114 mm)	
Tightening torque	31.938.9 lbf.in (3.64.4 N.m) 0.0040.009 in² (2.56 mm²) (AWG 14AWG 10) 44.354.9 lbf.in (56.2 N.m) 0.020.1 in² (1070 mm²) (AWG 8AWG 2/0)	
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	3.5 in (89 mm)	
Net Weight	2.899 lb(US) (1.315 kg)	
Quantity per Set	Set of 1	
Phase connection	ABC	
Circuit breaker application	HACR rated	

# **Environment**

Quality labels	CE
Standards	NMX J-266
	EN/IEC 60947-5-1
	GB 14048.2
	UL 489
	CSA C22.2 No 5
	NEMA AB1
	EN/IEC 60947-2
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	US10DE201134
Discount Schedule	0DE2
GTIN	3606481153715

Returnability	Yes	
Country of origin	US	

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.88 in (12.4 cm)
Package 1 Width	8.11 in (20.6 cm)
Package 1 Length	12.72 in (32.3 cm)
Package 1 Weight	4.23 lb(US) (1.92 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)	218
Environmental Disclosure	Product Environmental Profile

### **Use Better**

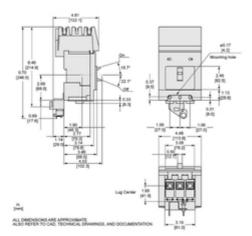
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
REACh Regulation	REACh Declaration
China RoHS Regulation	China RoHS declaration
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, 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 Removable battery No The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. Halogen content performance Take-back No No need of specific recycling operations No

**Technical Illustration** 

### **Dimensions**



Jan 21, 2025