

# Product data sheet

## Characteristics

# BGF16030

Circuit breaker, PowerPact B, 30A, 1 pole, 600Y/347V AC, 18kA at 600Y/347 UL, terminal nuts

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



Price\*\* : 477.00 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	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 18 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
[Ics] rated service breaking capacity	65 kA 220...240 V AC 50/60 Hz IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV IEC 60947-2
[Ui] rated insulation voltage	800 V IEC 60947-2
Trip unit technology	Thermal-magnetic
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)
Mounting mode	Clip-on 35 mm symmetrical DIN rail) By screws plate)
Electrical connection	Terminal nut ON and OFF end
AWG gauge	AWG 14...AWG 8 aluminium/copper AWG 6...AWG 3/0 aluminium/copper
Tightening torque	44.25 lbf.in (5 N.m) 0.00...0.02 in <sup>2</sup> (2.5...16 mm <sup>2</sup> ) AWG 14...AWG 4) 79.66 lbf.in (9 N.m) 0.04...0.15 in <sup>2</sup> (25...95 mm <sup>2</sup> ) AWG 3...AWG 3/0)
Power wire stripping length	0.79 in (20 mm)
Color	Gray RAL 7016)
9 mm pitches	3
Maximum Height	5.39 in (137 mm)
Maximum Width	1.06 in (27 mm)
Maximum Depth	3.15 in (80 mm)
Net Weight	1.01 lb(US) (0.46 kg)
Quantity per set	Set of 1
Continuous current rating	80 %

## Environment

Quality labels	CE
Standards	UL 489 GB 14048.2 EN/IEC 60947-2 EN/IEC 60947-5-1 CSA C22.2 No 5 NEMA AB1 NMX J-266
Product certifications	UL IEC CCC EAC CSA NOM
IP degree of protection	Front cover IP40 IEC 60529
IK degree of protection	IK07 IEC 62262
Pollution degree	3 IEC 60947-1
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-58...185 °F (-50...85 °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	03606481193025
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	Yes
Country of origin	MX

## Packing Units

Package 1 Height	1.40 in (3.556 cm)
Package 1 width	4.70 in (11.938 cm)
Package 1 Length	7.50 in (19.050 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
PVC free	Yes
Halogen content performance	Halogen free product