Product data sheet
Characteristics

BGL46030
PowerPact B Circuit Breaker, 30A, 4P, 600Y/347V AC, 18kA at 600Y/347 UL EverLink

Green Premium™

Price** : 2,036.00 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	4P
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 18 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
[Ics] rated service breaking capacity	65 kA 220...240 V AC 50/60 Hz IEC 60947-2 18 kA 500...525 V AC 50/60 Hz IEC 60947-2 35 kA 380...415 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
[Ui] rated insulation voltage	800 V IEC 60947-2
Trip unit technology	Thermal-magnetic
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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Connection pitch	1.06 in (27 mm)
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
AWG gauge	AWG 6...AWG 2/0 fine stranded aluminium/copper AWG 14...AWG 3/0 rigid or stranded aluminium/copper
Tightening torque	44.25 lbf.in (5 N.m) 0.00…0.02 in² (2.5…16 mm²) AWG 14...AWG 4) 79.66 lbf.in (9 N.m) 0.04…0.15 in² (25…95 mm²) AWG 3...AWG 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	0.79 in (20 mm)
Color	Gray RAL 7016)
9 mm pitches	12
Maximum Height	5.39 in (137 mm)
Maximum Width	4.25 in (108 mm)
Maximum Depth	3.15 in (80 mm)
Net Weight	3.18 lb(US) (1.441 kg)
Quantity per set	Set of 1
Continuous current rating	80 %

Environment

Quality labels	CE
Standards	UL 489 EN/IEC 60947-2 CSA C22.2 No 5 GB 14048.2 NEMA AB1 NMX J-266 EN/IEC 60947-5-1
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
Package weight(Lbs)	4.00 lb(US) (1.814 kg)
Returnability	No

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration

Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.