Product data sheet
Characteristics

BGA260356
PowerPact B Circuit Breaker, 35A, 2P, 600Y/347V AC, 18kA at 600Y/347 UL, I-Line

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



Main

Range	PowerPact
Product name	PowerPact B
Device short name	BG 035
Product or component type	Circuit breaker
Device application	Distribution

Complementary

Line Rated Current	35 A
Number of Poles	2P
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
[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
Trip unit technology	Thermal-magnetic
Continuous current rating	80 %
[Ui] rated insulation voltage	800 V IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A

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

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 14...AWG 2/0 aluminium/copper
Local signalling	for presence of auxiliary contacts flag (green)
Mounting mode	I-Line
Electrical connection	I-Line connection line Lugs load
Mounting height	3.00 in (76.2 mm)
Tightening torque	31.86…38.94 lbf.in (3.6…4.4 N.m) 0.00…0.01 in² (2.5…6 mm²) (AWG 14...AWG 10) 44.25…54.87 lbf.in (5…6.2 N.m) 0.02…0.11 in² (10…70 mm²) (AWG 8...AWG 2/0)
Number of slots	1 auxiliary switch OF plug-in) 1 voltage release MN or MX plug-in)
Power wire stripping length	0.79 in (20 mm)
Color	Grey (RAL 7016)
9 mm pitches	6
Height	5.39 in (137 mm)
Width	2.13 in (54 mm)
Depth	3.50 in (89 mm)
Net Weight	2.10 lb(US) (0.952 kg)
Quantity per set	Set of 1
Phase connection	CB

Environment

Quality labels	CE
Standards	UL 489 EN/IEC 60947-5-1 EN/IEC 60947-2 NEMA AB1 CSA C22.2 No 5 NMX J-266 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 conforming to 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	01134 - BGA I-LINE BREAKER
Discount Schedule	DE2
Nbr. of units in pkg.	1
Package weight(Lbs)	2.9 lb(US) (1.32 kg)
Returnability	Yes
Country of origin	US

Offer Sustainability

Sustainable offer status	Green Premium product

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
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
PVC free	Yes
Halogen content performance	Halogen free product