



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



Main

Range	PowerPact
Product name	PowerPact B
Device short name	BG 040
Product or component type	Circuit breaker
Device application	Distribution

Complementary

Line Rated Current	40 A
Number of Poles	2P
Protected poles description	2t
Control type	Toggle
Breaking capacity code	G
Breaking capacity	65 KA 240 V AC 50/60 Hz UL 489 Icu 100 kA 480/277 V AC 50/60 Hz IEC 60947-2 65 KA 480 V AC 50/60 Hz UL 489 35 KA 600Y/347 V AC 50/60 Hz UL 489 35 KA 600 V AC 50/60 Hz UL 489 35 kA 125 V DC 50/60 Hz UL 489
[Ue] rated operational voltage	240 V AC 50/60 Hz IEC 60947-2 347 V AC 50/60 Hz UL 489 125 V DC 50/60 Hz UL 489 250 V DC 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
Trip unit name	TM-D
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)
Local signalling	Presence of auxiliary contacts flag green)
Mounting mode	I-Line
Electrical connection	I-Line connection line Lugs load
AWG gauge	AWG 14...AWG 2/0 aluminium/copper
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 in ² (2.5...6 mm ²) AWG 14...AWG 10) 44.25...54.87 lbf.in (5...6.2 N.m) 0.02...0.11 in ² (10...70 mm ²) AWG 8...AWG 2/0)

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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	BC
Continuous current rating	80 %

Environment

Quality labels	CE
Standards	UL 489 EN/IEC 60947-2 GB 14048.2 CSA C22.2 No 5 EN/IEC 60947-5-1 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	01134 - BGA I-LINE BREAKER
Discount Schedule	DE2
GTIN	03606481153517
Package weight(Lbs)	1.32 kg (2.9 lb(US))
Returnability	Yes
Country of origin	MX

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: DIDP and DINP which is known to the State of California to cause Carcinogen and 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
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.