Product data sheet
Characteristics

BGA34125Y
PowerPact B Circuit Breaker, 125A, 3P, 480Y/277V AC, 35kA at 480/277 UL, I-Line

Main

Range	PowerPact
Product name	PowerPact B
Device short name	BG 125
Product or component type	Circuit breaker
Device application	Distribution

Complementary

Line Rated Current	125 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
[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
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	4.49 in (114 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) 1 alarm switch SD plug-in)
Power wire stripping length	0.79 in (20 mm)
Color	Gray RAL 7016)
9 mm pitches	9

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Maximum Height	5.39 in (137 mm)
Maximum Width	3.19 in (81 mm)
Maximum Depth	3.50 in (89 mm)
Net Weight	2.90 lb(US) (1.315 kg)
Quantity per set	Set of 1
Phase connection	ABC
Continuous current rating	80 %

Environment

Quality labels	CE
Standards	GB 14048.2 CSA C22.2 No 5 NEMA AB1 EN/IEC 60947-5-1 UL 489 EN/IEC 60947-2 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	00785901069553
Package weight(Lbs)	3.79 lb(US) (1.72 kg)
Returnability	Yes
Country of origin	MX

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
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.