



Main

Range	PowerPacT
Product name	PowerPacT B
Device short name	BG 025
Product or Component Type	Circuit breaker
Device Application	Distribution

Complementary

Line Rated Current	25 A
Number of Poles	2P
Protected poles description	2t
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
Network Frequency	50/60 Hz
[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-magneticTM-D,
Continuous current rating	80 %
[Ui] rated insulation voltage	800 V IEC 60947-2
Trip unit name	TM-D
Suitability for isolation	Yes IEC 60947-2
Utilisation category	Category A
Mechanical durability	15000 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 6...AWG 2/0 fine stranded aluminium/copper AWG 14...AWG 3/0 rigid or stranded aluminium/copper
Local signalling	Presence of auxiliary contacts flag green)
Mounting mode	Clip-on 35 mm symmetrical DIN rail) By screws plate)
Electrical connection	Everlink lug, line Everlink lug, load
Tightening torque	44.25 Lbf.in (5 N.m) 0.00...0.02 in ² (2.5...16 mm ²) (AWG 14...AWG 4) 79.66 Lbf.in (9 N.m) 0.04...0.15 in ² (25...95 mm ²) (AWG 3...AWG 3/0)

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	Gray RAL 7016)
9 mm pitches	6
Height	5.39 in (137 mm)
Width	2.13 in (54 mm)
Depth	3.15 in (80 mm)
Net Weight	1.70 lb(US) (0.769 kg)
Quantity per Set	Set of 1
Circuit breaker application	HACR rated

Environment

Quality labels	CE
Standards	EN/IEC 60947-5-1 CSA C22.2 No 5 NEMA AB1 EN/IEC 60947-2 NMX J-266 GB 14048.2 UL 489
Product certifications	UL[RETURN]IEC[RETURN]CCC[RETURN]EAC[RETURN]CSA[RETURN]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	3606481193452
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.36 in (6.000 cm)
Package 1 Width	6.46 in (16.400 cm)
Package 1 Length	10.04 in (25.500 cm)
Package 1 Weight	34.81 oz (987.000 g)
Unit Type of Package 2	S04
Number of Units in Package 2	5
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	15.75 in (40.000 cm)
Package 2 Length	23.62 in (60.000 cm)
Package 2 Weight	11.71 lb(US) (5.311 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes

China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
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.
PVC free	Yes
Halogen content performance	Halogen free product