

BGF16100

PowerPact-circuit breaker-100A 1P AC 35kA at 480/440V(UL/IEC)TMD-compression lug

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



Price* : 581.00 USD



Main

Range	PowerPact
Product name	PowerPact B
Device short name	BG 100
Product or component type	Circuit breaker
Device application	Distribution

Complementary

Line Rated Current	100 A
Poles description	1P
Protected poles description	1t
Control type	Toggle
Mounting mode	By screws plate Clip-on 35 mm symmetrical DIN rail
Network type	AC
Network frequency	50/60 Hz
Breaking capacity code	G
Breaking capacity	65 kA at 240 V AC 50/60 Hz according to UL 489 Icu: 65 kA at 220...240 V AC 50/60 Hz according to IEC 60947-2 35 kA at 480Y/277 V AC 50/60 Hz according to UL 489 18 kA at 600Y/347 V AC 50/60 Hz according to UL 489 65 kA at 208Y/120 V AC 50/60 Hz according to UL 489
System Voltage	240 V AC 50/60 Hz according to IEC 60947-2
[Ics] rated service breaking capacity	65 kA: at 220...240 V AC 50/60 Hz according to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV according to IEC 60947-2
[Ui] rated insulation voltage	800 V according to IEC 60947-2
Trip unit technology	Thermal-magnetic
Trip unit name	TM-D

Trip unit protection functions	LI
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)
Trip unit rating	100 A at 104 °F (40 °C)
Magnetic hold current	1000 A
Magnetic tripping current	1500 A
Suitability for isolation	Yes according to IEC 60947-2
Utilisation category	Category A
Mechanical durability	15000 cycles IEC 947-1 Annex F ed 5.2
Electrical durability	10000 cycles according to IEC 947-1 Annex K ed 5.2 In at 240 V
Connection pitch	1.06 in (27 mm)
Rotary handle padlocking	Padlock in OFF or ON position
Connections - terminals	Upside compression lug/busbar Downside compression lug/busbar
Thread type	M6
Thickness	Up to 6.5 mm
Tightening torque	44.25 lbf.in (5 N.m) 0...0.02 in ² (2.5...16 mm ²) (AWG 14...AWG 4) 79.65 lbf.in (9 N.m) 0.04...0.15 in ² (25...95 mm ²) (AWG 3...AWG 3/0)
Wire stripping length	0.79 in (20 mm)
Quality labels	CE
Standards	EN/IEC 60947-2 EN/IEC 60947-5-1 GB 14048.2 NEMA AB1 UL 489 CSA C22.2 No 5 NMX J-266
Colour	Grey (RAL 7016)
9 mm pitches	3
Height	5.39 in (137 mm)
Width	1.06 in (27 mm)
Depth	3.15 in (80 mm)
Product weight	1.01 lb(US) (0.46 kg)
Quantity per set	Set of 1

Environment

Product certifications	UL CSA CCC EAC NOM IEC
IP degree of protection	IP40 (front cover) according to IEC 60529
IK degree of protection	IK07 according to IEC 62262
Pollution degree	3 according 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	5000 m with derating 6561.68 ft (2000 m) without derating

Ordering and shipping details

Category	01131 - BG UNIT MOUNT BREAKER/SWITCH
Discount Schedule	DE2
GTIN	003606481193117
Nbr. of units in pkg.	1
Package weight(Lbs)	1
Returnability	Y

Country of origin	MX
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Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1644 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations
