Product data sheet Characteristics

BGL36040

PowerPact - circuit breaker - 40A 3P AC 35kA at 480/440 (UL) - EverLink lug



Product availability: Stock - 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
Poles description	3P
Protected poles description	3t
Control type	Toggle
Breaking capacity code	G
Breaking capacity	65 kA at 240 V AC 50/60 Hz according to UL 489 35 kA at 480 V AC 50/60 Hz according to UL 489 Icu: 65 kA at 220240 V AC 50/60 Hz according to IEC 60947-2 Icu: 35 kA at 380415 V AC 50/60 Hz according to IEC 60947-2 Icu: 35 kA at 440 V AC 50/60 Hz according to IEC 60947-2 Icu: 18 kA at 500525 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	500525 V AC 50/60 Hz according to IEC 60947-2 600Y/347 V AC 50/60 Hz according to UL 489
[Ics] rated service breaking capacity	65 kA: at 220240 V AC 50/60 Hz according to IEC 60947-2 35 kA: at 380415 V AC 50/60 Hz according to IEC 60947-2 35 kA: at 440 V AC 50/60 Hz according to IEC 60947-2 18 kA: at 500525 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
Suitability for isolation	Yes according to IEC 60947-2
Utilisation category	Category A
Mechanical durability	20000 cycles according to IEC 947-1 Annex K ed 5.2
Electrical durability	10000 cycles according to IEC 947-1 Annex K ed 5.2 In at 440 V
Connection pitch	1.06 in (27 mm)
Local signalling	Green flag presence of auxiliary contacts
Mounting mode	By screws plate Clip-on 35 x 15 mm symmetrical DIN rail

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or intelbality or intelbality or intelpacts or application is seed for determining suitability or label products but seep or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein. *Prices are indicative

Electrical connection	Everlink lug at line Everlink lug at load	
AWG gauge	AWG 6AWG 2/0 fine stranded (aluminium/copper) AWG 14AWG 3/0 rigid or stranded (aluminium/copper)	
Tightening torque	44.25 lbf.in (5 N.m) 00.02 in² (2.516 mm²) (AWG 14AWG 4) 79.65 lbf.in (9 N.m) 0.040.15 in² (2595 mm²) (AWG 3AWG 3/0)	
Number of slots	1 auxiliary switch OF (plug-in) 1 voltage release MN or MX (plug-in) 1 alarm switch SD (plug-in)	
Wire stripping length	0.79 in (20 mm)	
Colour	Grey (RAL 7016)	
9 mm pitches	9	
Height	5.39 in (137 mm)	
Width	3.19 in (81 mm)	
Depth	3.15 in (80 mm)	
Product weight	2.37 lb(US) (1.074 kg)	
Quantity per set	Set of 1	
Continuous current rating	80 %	

Environment

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
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	-13158 °F (-2570 °C)
Ambient air temperature for storage	-58185 °F (-5085 °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	003606481154095	
Nbr. of units in pkg.	1	
Package weight(Lbs)	2.930000000000002	
Returnability	Υ	

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	
Product environmental profile	Available	
Product end of life instructions	Need no specific recycling operations	

California proposition 65	WARNING: This product can expose you to chemicals including:	
Substance 1	DINP, which is known to the State of California to cause cancer, and	
Substance 2	DIDP, which is known to the State of California to cause Birth Defects or other reproductive harm.	
More information	For more information go to www.p65warnings.ca.gov	

Product Life Status:	Commercialised
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