Product data sheet
Characteristics

BDA160601
PowerPact - circuit breaker - 60A 1P AC 14kA at 347 V (UL) - I-Line

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

Green Premium™

Price** : 365.00 USD



Main

Range	PowerPact
Product name	PowerPact B
Device short name	BD 060
Product or component type	Circuit breaker
Device application	Distribution

Complementary

Line Rated Current	60 A
Number of Poles	1P
Control type	Toggle
Breaking capacity code	D
Breaking capacity	25 kA 120 V AC 50/60 Hz UL 489 25 kA 240 V AC 50/60 Hz UL 489 18 kA 480Y/277 V AC 50/60 Hz UL 489 14 kA 600Y/347 V AC 50/60 Hz UL 489 25 kA 125 V DC UL 489
[Ue] rated operational voltage	120 V AC 50/60 Hz UL 489 240 V AC 50/60 Hz UL 489 277 V AC 50/60 Hz UL 489 347 V AC 50/60 Hz UL 489 125 V DC UL 489 220/240 V AC 50/60 Hz IEC 60947-2
[Ics] rated service breaking capacity	25 kA 220...240 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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	1.50 in (38.1 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)
Power wire stripping length	0.79 in (20 mm)
Color	Grey RAL 7016)
9 mm pitches	3
Height	5.39 in (137 mm)
Width	1.06 in (27 mm)
Depth	3.50 in (89 mm)
Net weight	1.41 lb(US) (0.6375 kg)
Quantity per set	Set of 1
Phase connection	A
Continuous current rating	80 %

Environment

Quality labels	CE
Standards	CSA C22.2 No 5 EN/IEC 60947-5-1 NMX J-266 EN/IEC 60947-2 GB 14048.2 UL 489 NEMA AB1
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	01133 - BDA I-LINE BREAKER
Discount Schedule	DE2
GTIN	03606481151087
Package weight(Lbs)	0.50 kg (1.1 lb(US))
Returnability	Yes
Country of origin	MX

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration

EU RoHS Directive	Under investigation
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
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.