

BDA24070Y2

PowerPact B Circuit Breaker, 70A, 2P,
480Y/277V AC, 18kA at 480/277 UL, I-Line

Product availability : Stock - Normally stocked in distribution facility



Price* : 837.00 USD



Main

Range	PowerPact
Product name	PowerPact B
Device short name	BD 070
Product or component type	Circuit breaker
Device application	Distribution

Complementary

Line Rated Current	70 A
Number of Poles	2P
Control type	Toggle
Breaking capacity code	D
Breaking capacity	25 kA 208Y/120 V AC 50/60 Hz UL 489 25 kA 240 V AC 50/60 Hz UL 489 18 kA 480/277 V AC 50/60 Hz UL 489 18 kA 480 V AC 50/60 Hz UL 489 10 kA 600Y/347 V AC 50/60 Hz UL 489 250 V DC UL 489
[Ue] rated operational voltage	525 V AC 50/60 Hz UL 489
[Ics] rated service breaking capacity	25 kA 220...240 V AC 50/60 Hz IEC 60947-2 18 kA 500...525 V AC 50/60 Hz IEC 60947-2 18 kA 380...415 V AC 50/60 Hz IEC 60947-2 14 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

* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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	3.00 in (76.2 mm)
Tightening torque	31.86...38.94 lbf.in (3.6...4.4 N.m) 0.00...0.01 in ² (2.5...6 mm ²) AWG 14...AWG 10) 44.25...54.87 lbf.in (5...6.2 N.m) 0.02...0.11 in ² (10...70 mm ²) AWG 8...AWG 2/0)
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
Maximum Height	5.39 in (137 mm)
Maximum Width	2.13 in (54 mm)
Maximum Depth	3.50 in (89 mm)
Net Weight	2.10 lb(US) (0.952 kg)
Quantity per set	Set of 1
Phase connection	AC
Continuous current rating	80 %

Environment

Quality labels	CE
Standards	EN/IEC 60947-5-1 EN/IEC 60947-2 CSA C22.2 No 5 NMX J-266 UL 489 NEMA AB1 GB 14048.2
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	03606481151926
Nbr. of units in pkg.	1
Package weight(Lbs)	2.93 lb(US) (1.33 kg)
Returnability	Yes
Country of origin	MX

Packing Units

Package 1 Height	5.00 in (12.700 cm)
Package 1 width	8.50 in (21.590 cm)
Package 1 Length	13.00 in (33.020 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant EU RoHS Declaration
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
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