

TAGS: CB0301



Circuit breaker, PowerPacT B, 20A, 3 pole, 600Y/347VAC, 14kA, lugs, thermal magnetic, 80%

BDL36020

Product availability: Stock - Normally stocked in distribution facility

Main

Range	PowerPact
Product name	PowerPact B
Device short name	BD 020
Product or Component Type	Circuit breaker
Device Application	Distribution

Complementary

Line Rated Current	20 A
Number of Poles	3P
Control Type	Toggle
Breaking capacity code	D
Breaking capacity	25 kA-208Y/120-V AC 50/60 Hz UL 489 <del>25 kA-240-V AC 50/60 Hz UL 489</del> <del>18 kA-480/277-V AC 50/60 Hz UL 489</del> 18 kA 480 V AC 50/60 Hz UL 489 <del>14 kA-600Y/347-V AC 50/60 Hz UL 489</del> <del>10 kA-250-V DC UL 489</del>
[Ue] rated operational voltage	525 V AC 50/60 Hz UL 489
Network Frequency	50/60 Hz
[Ics] rated service breaking capacity	<del>25 kA-220...240-V AC 50/60 Hz IEC 60947-2</del> <del>14 kA-500...525-V AC 50/60 Hz IEC 60947-2</del> <del>18 kA-380...415-V AC 50/60 Hz IEC 60947-2</del> 18 kA 440 V AC 50/60 Hz IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV IEC 60947-2
Trip unit technology	Thermal-magnetic
Continuous current rating	80 %
[UI] rated insulation voltage	800 V IEC 60947-2
Suitability for isolation	Yes IEC 60947-2
Utilisation category	Category A
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)
AWG gauge	AWG 6...AWG 2/0 fine stranded aluminium/copper <del>AWG 14...AWG 3/0 rigid or stranded aluminium/copper</del>
Local signalling	Presence of auxiliary contacts flag green)

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

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

Mounting mode	Clip-on 35 x 15 mm symmetrical DIN rail) By screws plate)
Electrical connection	Everlink lug, line Everlink lug, load
Tightening torque	44.3 lbf.in (5 N.m) 0.004...0.02 in² (2.5...16 mm²) (AWG 14...AWG 4) <del>79.7 lbf.in (9 N.m) 0.04...0.1 in² (25...95 mm²) (AWG 3...AWG 3/0)</del>
Number of slots	1 auxiliary switch OF plug-in) 1 voltage release MN or MX plug-in) 1 alarm switch SD plug-in)
Power wire stripping length	0.8 in (20 mm)
Color	Gray RAL 7016)
9 mm pitches	9
Height	5.4 in (137 mm)
Width	3.2 in (81 mm)
Depth	3.1 in (80 mm)
Net Weight	2.368 lb(US) (1.074 kg)
Quantity per Set	Set of 1
Circuit breaker application	HACR rated

## Environment

Quality labels	CE
Standards	EN/IEC 60947-5-1 NEMA AB1 NMX J-266 CSA C22.2 No 5 UL 489 GB 14048.2 EN/IEC 60947-2
Product certifications	UL IEC CCC EAC CSA NOM
IP degree of protection	Front cover IP40 IEC 60529
IK degree of protection	IK07 conforming to 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	US10DE201130
Discount Schedule	0DE2
GTIN	3606481152978
Returnability	Yes
Country of origin	MX

## Packing Units

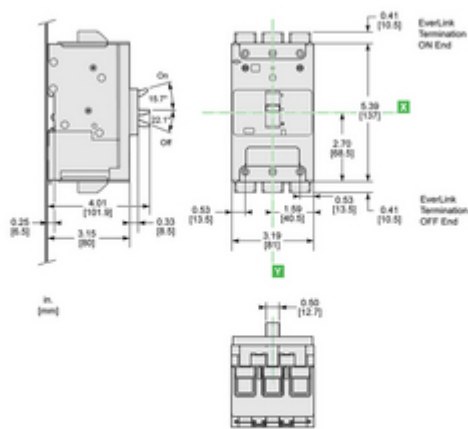
Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.5 in (8.9 cm)
Package 1 Width	6.4 in (16.3 cm)
Package 1 Length	10.2 in (25.9 cm)
Package weight(Lbs)	3.13 lb(US) (1.42 kg)

## Contractual warranty

Warranty (in months)	18
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Technical Illustration

Dimensions



(1) TERMINATION OPTION - EverLink (ON end) / EverLink (OFF end)  
ALL DIMENSIONS ARE APPROXIMATE.  
ALSO REFER TO CAD, TECHNICAL DRAWINGS, AND DOCUMENTATION