

# Product data sheet

Specifications



Circuit breaker, PowerPacT B, 35A, 2 pole, 600Y/347VAC, 14kA, lugs, thermal magnetic, 80%

BDL26035

## Main

Range	PowerPact
Product Name	PowerPact B
Device Short Name	BD 035
Product Or Component Type	Circuit breaker
Device Application	Distribution

## Complementary

[In] Rated Current	35 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 14 kA 600Y/347 V AC 50/60 Hz UL 489 10 kA 250 V DC UL 489
[Ue] Rated Operational Voltage	525 V AC 50/60 Hz UL 489
Network Frequency	50/60 Hz
[Ics] Rated Service Breaking Capacity	25 kA 220...240 V AC 50/60 Hz IEC 60947-2 14 kA 500...525 V AC 50/60 Hz IEC 60947-2 18 kA 380...415 V AC 50/60 Hz IEC 60947-2 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 aluminum/copper AWG 14...AWG 3/0 rigid or stranded aluminum/copper
Local Signalling	Presence of auxiliary contacts flag green)

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	44.25 lbf.in (5 N.m) 0.00...0.02 in² (2.5...16 mm²) AWG 14...AWG 4) 79.66 lbf.in (9 N.m) 0.04...0.15 in² (25...95 mm²) AWG 3...AWG 3/0)
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	Grey RAL 7016)
9 Mm Pitches	6
Height	5.39 in (137 mm)
Width	2.13 in (54 mm)
Depth	3.15 in (80 mm)
Net Weight	1.70 lb(US) (0.769 kg)
Quantity Per Set	Set of 1
Circuit Breaker Application	HACR rated

## Environment

Quality Labels	CE
Standards	NMX J-266 UL 489 NEMA AB1 GB 14048.2 EN/IEC 60947-2 CSA C22.2 No 5 EN/IEC 60947-5-1
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	< 2000 m without derating 5000 m with derating

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.00 in (10.16 cm)
Package 1 Width	7.00 in (17.78 cm)
Package 1 Length	10.50 in (26.67 cm)
Package 1 Weight	35.04 oz (993.367 g)

Sustainability



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**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

✓	Mercury Free	
✓	Rohs Exemption Information	Yes
✓	Pvc Free	
✓	Halogen Free Product	

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations