# **Product data sheet**

Specification





Circuit breaker, PowerPacT B, 50A, 2 pole, 600Y/347VAC, 14kA, lugs, thermal magnetic, 80%

BDL26050

Product availability: Stock - Normally stocked in distribution

Price\*: 783.00 USD

#### Main

Range	PowerPact	
Product name	PowerPact B	
Device short name	BD 050	
Product or Component Type	Circuit breaker	
Device Application	Distribution	

### Complementary

Line Rated Current	50 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 220240 V AC 50/60 Hz IEC 60947-2 14 kA 500525 V AC 50/60 Hz IEC 60947-2 18 kA 380415 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 6AWG 2/0 fine stranded aluminium/copper AWG 14AWG 3/0 rigid or stranded aluminium/copper

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

Local signalling	Presence of auxiliary contacts flag green)	
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) 0.0040.02 in² (2.516 mm²) (AWG 14AWG 4) 79.7 lbf.in (9 N.m) 0.040.1 in² (2595 mm²) (AWG 3AWG 3/0)	
Number of slots	1 auxiliary switch OF plug-in) 1 voltage release MN or MX plug-in)	
Power wire stripping length	0.8 in (20 mm)	
Color	Gray RAL 7016)	
9 mm pitches	6	
Height	5.4 in (137 mm)	
Width	2.1 in (54 mm)	
Depth	3.1 in (80 mm)	
Net Weight	1.695 lb(US) (0.769 kg)	
Quantity per Set	Set of 1	
Circuit breaker application	HACR rated	

### **Environment**

Quality labels	CE
Standards	EN/IEC 60947-5-1 UL 489 NMX J-266 EN/IEC 60947-2 NEMA AB1 GB 14048.2 CSA C22.2 No 5
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	-13158 °F (-2570 °C)
Ambient Air Temperature for Storage	-58185 °F (-5085 °C)
Operating altitude	< 6561.68 ft (2000 m) without derating 5000 m with derating

# Ordering and shipping details

Category	US10DE201130	
Discount Schedule	0DE2	
GTIN	3606481152879	
Returnability	Yes	
Country of origin	MX	

## **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.5 in (6.4 cm)
Package 1 Width	6.5 in (16.5 cm)
Package 1 Length	10.2 in (25.9 cm)
Package 1 Weight	35.04 oz (993.4 g)

## Sustainability Green Premium\*

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**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 >



RoHS/REACh

### Well-being performance

<b>Ø</b>	Mercury Free
<b>Ø</b>	Rohs Exemption Information Yes
<b>⊘</b>	Pvc Free
<b>⊘</b>	Halogen Free Product

### **Certifications & Standards**

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration  Product out of China RoHS scope. Substance declaration for your information.
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
California Proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov