

# Product data sheet

Specifications



Circuit breaker, PowerPacT B, 20A,  
1 pole, 600Y/347VAC, 65kA, I-Line,  
thermal magnetic, 80%, A

BKA160201

**Product availability: Stock - Normally stocked in distribution facility**

## Main

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

## Complementary

Line Rated Current	20 A
Number of Poles	1P
Control Type	Toggle
Breaking capacity code	K
Breaking capacity	100 kA 208Y/120 V AC 50/60 Hz UL 489 100 kA 240 V AC 50/60 Hz UL 489 65 kA 480Y/277 V AC 50/60 Hz UL 489 65 kA 600Y/347 V AC 50/60 Hz UL 489
Network Frequency	50/60 Hz
[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 14...AWG 2/0 aluminium/copper
Local signalling	Presence of auxiliary contacts flag green)
Mounting mode	I-Line
Electrical connection	I-Line connection, line Lugs, load
Mounting Height	1.5 in (38.1 mm)
Tightening torque	31.9...38.9 lbf.in (3.6...4.4 N.m) 0.004...0.009 in <sup>2</sup> (2.5...6 mm <sup>2</sup> ) (AWG 14...AWG 10) 44.3...54.9 lbf.in (5...6.2 N.m) 0.02...0.1 in <sup>2</sup> (10...70 mm <sup>2</sup> ) (AWG 8...AWG 2/0)

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

<b>Color</b>	Gray RAL 7016)
<b>9 mm pitches</b>	3
<b>Height</b>	5.4 in (137 mm)
<b>Width</b>	1.06 in (27 mm)
<b>Depth</b>	3.5 in (89 mm)
<b>Net Weight</b>	1.4054 lb(US) (0.6375 kg)
<b>Quantity per Set</b>	Set of 1
<b>Phase connection</b>	A
<b>Circuit breaker application</b>	HACR rated

## Environment

<b>Standards</b>	NEMA AB1 NMX J-266 GB 14048.2 EN/IEC 60947-2 EN/IEC 60947-5-1 CSA C22.2 No 5 UL 489
<b>Product certifications</b>	UL IEC CCC EAC CSA NOM
<b>IP degree of protection</b>	Front cover IP40 IEC 60529
<b>IK degree of protection</b>	IK07 conforming to IEC 62262
<b>Pollution degree</b>	3 IEC 60947-1
<b>Ambient air temperature for operation</b>	-13...158 °F (-25...70 °C)
<b>Ambient Air Temperature for Storage</b>	-58...185 °F (-50...85 °C)
<b>Operating altitude</b>	< 6561.68 ft (2000 m) without derating 5000 m with derating

## Ordering and shipping details

<b>Category</b>	US10DE201135
<b>Discount Schedule</b>	0DE2
<b>GTIN</b>	3606489779351
<b>Returnability</b>	Yes
<b>Country of origin</b>	MX

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	1.50 in (3.81 cm)
<b>Package 1 Width</b>	7.75 in (19.685 cm)
<b>Package 1 Length</b>	11.63 in (29.528 cm)
<b>Package weight(Lbs)</b>	25.760 oz (730.284 g)



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle)	64
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Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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## Use Better

### Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	Yes
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<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
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REACH Regulation	<a href="#">REACH Declaration</a>
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California proposition 65	<b>WARNING: Cancer and Reproductive Harm - <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a></b>
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Halogen content performance	Halogen free product
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PVC free	Yes
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## Use Again

### Repack and remanufacture

Circularity Profile	No need of specific recycling operations
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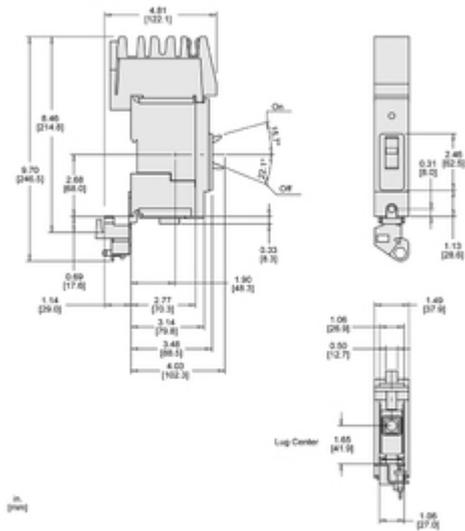
Removable battery	No
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Take-back	No
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Technical Illustration

Dimensions

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ALL DIMENSIONS ARE APPROXIMATE.  
ALSO REFER TO CAD, TECHNICAL DRAWINGS, AND DOCUMENTATION.