

# Product data sheet

Specifications



Circuit breaker, PowerPact B, 70A, 2 pole, 600Y/347VAC, 14kA, lugs, thermal magnetic, 80%, control wire ON end

BDL26070LU

## Main

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

## Complementary

[In] rated current	70 A
Number of Poles	2P
Protected poles description	2t
Control type	Toggle
Breaking capacity code	D
Breaking capacity	25 kA at 208Y/120 V AC 50/60 Hz conforming to UL 489 18 kA at 240 V AC 50/60 Hz conforming to UL 489 Icu 25 kA at 480/277 V AC 50/60 Hz conforming to UL 489 Icu 14 kA at 480 V AC 50/60 Hz conforming to UL 489 18 kA at 600Y/347 V AC 50/60 Hz conforming to UL 489 14 kA at 250 V DC conforming to UL 489 25 kA Icu 18 kA
[Ue] rated operational voltage	525 V AC 50/60 Hz conforming to UL 489
Network frequency	50/60 Hz
[Ics] rated service breaking capacity	25 kA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 14 kA at 500...525 V AC 50/60 Hz conforming to IEC 60947-2 18 kA at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 18 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
Trip unit technology	Thermal-magneticTM-D,
Continuous current rating	80 %
[Ui] rated insulation voltage	800 V conforming to IEC 60947-2
Trip unit name	TM-D
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
Mechanical durability	15000 cycles conforming to IEC 947-1 Annex K ed 5.2
Electrical durability	10000 cycles conforming to IEC 947-1 Annex K ed 5.2 at 440 V In
Connection pitch	27 mm

<b>AWG gauge</b>	AWG 6...AWG 2/0 fine stranded aluminium/copper AWG 14...AWG 3/0 rigid or stranded aluminium/copper
<b>Local signalling</b>	Presence of auxiliary contacts: flag (green)
<b>Mounting mode</b>	Clip-on (35 mm symmetrical DIN rail) By screws (plate)
<b>Electrical connection</b>	Everlink lug, line Everlink lug, load
<b>Tightening torque</b>	5 N.m for 2.5...16 mm <sup>2</sup> (AWG 14...AWG 4) 9 N.m for 25...95 mm <sup>2</sup> (AWG 3...AWG 3/0)
<b>Number of slots</b>	1 slot(s) for auxiliary switch OF (plug-in) 1 slot(s) for voltage release MN or MX (plug-in)
<b>Power wire stripping length</b>	20 mm
<b>Color</b>	Grey (RAL 7016)
<b>9 mm pitches</b>	6
<b>Height</b>	137 mm
<b>Width</b>	54 mm
<b>Depth</b>	80 mm
<b>Net weight</b>	0.769 kg
<b>Quantity per set</b>	Set of 1
<b>Circuit breaker application</b>	HACR rated

## Environment

<b>Quality labels</b>	CE
<b>Standards</b>	NEMA AB1 GB 14048.2 UL 489 EN/IEC 60947-5-1 EN/IEC 60947-2 NMX J-266 CSA C22.2 No 5
<b>Product certifications</b>	UL IEC CCC EAC CSA NOM
<b>IP degree of protection</b>	Front cover: IP40 conforming to IEC 60529
<b>IK degree of protection</b>	IK07 conforming to IEC 62262
<b>Pollution degree</b>	3 conforming to IEC 60947-1
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-50...85 °C
<b>Operating altitude</b>	2000 m without derating 5000 m with derating

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	6.096 cm
<b>Package 1 Width</b>	11.938 cm

---

**Package 1 Length** 20.574 cm

---

**Package 1 Weight** 680.389 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 >](#)

 <b>Environmental footprint</b>	
Total lifecycle Carbon footprint	154
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### Use Better

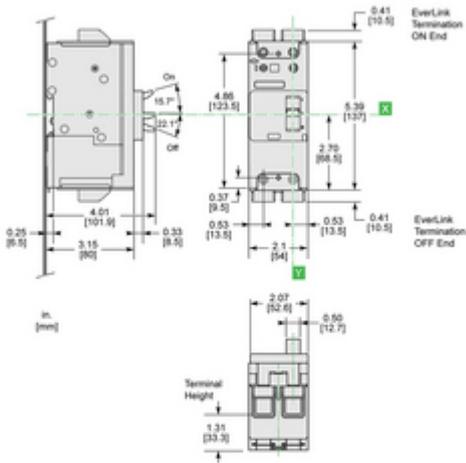
 <b>Materials and Substances</b>	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
REACH Regulation	<a href="#">REACH Declaration</a>
California proposition 65	<b>WARNING: Cancer and Reproductive Harm - <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov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

### Use Again

 <b>Repack and remanufacture</b>	
End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Technical Illustration

Dimensions



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