

BDL36070LU

Circuit breaker, PowerPact B, 70A, 3 pole, 14 kA, 600Y/347 VAC, UL, Everlink, control wire ON end



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	3P
Protected poles description	3t
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
[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 IEC 60947-2
[Ui] rated insulation voltage	800 V conforming to IEC 60947-2
Trip unit technology	Thermal-magnetic
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
Local signalling	Flag (green) for presence of auxiliary contacts
Mounting mode	Clip-on (35 mm symmetrical DIN rail) By screws (plate)
Electrical connection	Everlink lug line Everlink lug load
Number of slots	1 slot(s) for auxiliary switch OF (plug-in) 1 slot(s) for voltage release MN or MX (plug-in) 1 slot(s) for alarm switch SD (plug-in)
AWG gauge	AWG 6...AWG 2/0 fine stranded aluminium/copper AWG 14...AWG 3/0 rigid or stranded aluminium/copper
Tightening torque	5 N.m for 2.5...16 mm ² (AWG 14...AWG 4) 9 N.m for 25...95 mm ² (AWG 3...AWG 3/0)
Power wire stripping length	20 mm
Color	Grey (RAL 7016)
9 mm pitches	9
Height	137 mm
Width	81 mm
Depth	80 mm
Net weight	1.074 kg
Quantity per set	Set of 1
Continuous current rating	80 %

Environment

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

Packing Units

Package 1 Weight	1.179 kg
Package 1 Height	11.938 cm
Package 1 width	8.382 cm
Package 1 Length	20.574 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes
Halogen content performance	Halogen free product
California proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov