

Product Datasheet

Characteristic

BDL26030

PowerPact B Circuit Breaker, 30A, 2P,
600Y/347V AC, 14kA at 600Y/347 UL
EverLink



Main

range	PowerPact
product name	PowerPact B
device short name	BD 030
product or component type	Circuit breaker
device application	Distribution

Complementary

Line Rated Current	30 A
poles description	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
[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
[Ui] rated insulation voltage	800 V IEC 60947-2
trip unit technology	Thermal-magnetic
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)
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
AWG gauge	AWG 6...AWG 2/0 fine stranded aluminium/copper AWG 14...AWG 3/0 rigid or stranded aluminium/copper
tightening torque	44.25 lbf.in (5 N.m) 0.00...0.02 in ² (2.5...16 mm ²) AWG 14...AWG 4) 79.66 lbf.in (9 N.m) 0.04...0.15 in ² (25...95 mm ²) AWG 3...AWG 3/0)
number of slots	1 auxiliary switch OF plug-in) 1 voltage release MN or MX plug-in)
wire stripping length	0.79 in (20 mm)
color	Gray 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
continuous current rating	80 %

Environment

quality labels	CE
standards	NEMA AB1 CSA C22.2 No 5 EN/IEC 60947-5-1 NMX J-266 UL 489 GB 14048.2 EN/IEC 60947-2
product certifications	UL IEC CCC EAC CSA NOM
IP degree of protection	Front cover IP40 IEC 60529
IK degree of protection	IK07 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	< 6561.68 ft (2000 m) without derating 5000 m with derating

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	ENVPEP1610005EN
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