

BDL36080LW

PowerPact B Circuit Breaker, 80A, 3P,
14kA@600Y/347V (UL), Control Wire

Product availability : Non-Stock - Not normally stocked in distribution facility



Price** : 1,417.00 USD



Main

Range	PowerPact
Product name	PowerPact B
Device short name	BD 080
Product or component type	Circuit breaker
Device application	Distribution
Accessory / separate part type	Control wire

Complementary

Number of Poles	3P
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	IEC 947-1 Annex K ed 5.2

Electrical durability	10000 cycles IEC 947-1 Annex K ed 5.2 440 V In
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 copper AWG 14...AWG 3/0 rigid or stranded 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	auxiliary switch OF plug-in) voltage release MN or MX plug-in) alarm switch SD plug-in)
Color	Gray RAL 7016)
Quantity per set	Set of 1
Continuous current rating	80 %

Environment

Quality labels	CE
Standards	NMX J-266 EN/IEC 60947-5-1 EN/IEC 60947-2 CSA C22.2 No 5 UL 489 NEMA AB1 GB 14048.2
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
Operating altitude	< 6561.68 ft (2000 m) without derating 5000 m with derating

Ordering and shipping details

Category	01130 - BD UNIT MOUNT BREAKER/SWITCH
Discount Schedule	DE2
Package weight(Lbs)	2.92 lb(US) (1.32 kg)
Returnability	No
Country of origin	US