Product data sheet
Characteristics

BDL26040
PowerPact - circuit breaker - 40A 2P AC 18kA at 480/440 (UL) - EverLink lug

Product availability : Stock - Normally stocked in distribution facility

Main

Range	PowerPact
Product name	PowerPact B
Device short name	BD 040
Product or component type	Circuit breaker
Device application	Distribution

Complementary

Line Rated Current	40 A
Poles description	2P
Protected poles description	2t
Control type	Toggle
Breaking capacity code	D
Breaking capacity	25 kA at 240 V AC 50/60 Hz according to UL 489 18 kA at 480 V AC 50/60 Hz according to UL 489 Icu: 25 kA at 220...240 V AC 50/60 Hz according to IEC 60947-2 Icu: 18 kA at 380...415 V AC 50/60 Hz according to IEC 60947-2 Icu: 18 kA at 440 V AC 50/60 Hz according to IEC 60947-2 Icu: 14 kA at 500...525 V AC 50/60 Hz according to IEC 60947-2 18 kA at 480Y/277 V AC 50/60 Hz according to UL 489 14 kA at 600Y/347 V AC 50/60 Hz according to UL 489 25 kA at 208Y/120 V AC 50/60 Hz according to UL 489
System Voltage	600Y/347 V AC 50/60 Hz according to UL 489 500/525 V AC 50/60 Hz according to IEC 60947-2
[Ics] rated service breaking capacity	25 kA: at 220...240 V AC 50/60 Hz according to IEC 60947-2 18 kA: at 380...415 V AC 50/60 Hz according to IEC 60947-2 18 kA: at 440 V AC 50/60 Hz according to IEC 60947-2 14 kA: at 500...525 V AC 50/60 Hz according to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV according to IEC 60947-2
[Ui] rated insulation voltage	800 V according to IEC 60947-2
Trip unit technology	Thermal-magnetic

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Trip unit name	TM-D
Suitability for isolation	Yes according to IEC 60947-2
Utilisation category	Category A
Mechanical durability	20000 cycles according to IEC 947-1 Annex K ed 5.2
Electrical durability	10000 cycles according to IEC 947-1 Annex K ed 5.2 In at 440 V
Connection pitch	1.06 in (27 mm)
Local signalling	Green flag presence of auxiliary contacts
Mounting mode	By screws plate Clip-on 35 x 15 mm symmetrical DIN rail
Electrical connection	Everlink lug at line Everlink lug at 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...0.02 in² (2.5...16 mm²) (AWG 14...AWG 4) 79.65 lbf.in (9 N.m) 0.04...0.15 in² (25...95 mm²) (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)
Colour	Grey (RAL 7016)
9 mm pitches	6
Height	5.39 in (137 mm)
Width	2.13 in (54 mm)
Depth	3.15 in (80 mm)
Product weight	1.7 lb(US) (0.769 kg)
Quantity per set	Set of 1

Environment

Quality labels	CE
Standards	EN/IEC 60947-2 EN/IEC 60947-5-1 GB 14048.2 NEMA AB1 UL 489 CSA C22.2 No 5 NMX J-266
Product certifications	UL CSA CCC EAC NOM IEC
IP degree of protection	IP40 (front cover) according to IEC 60529
IK degree of protection	IK07 according to IEC 62262
Pollution degree	3 according to 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	5000 m with derating 6561.68 ft (2000 m) without derating

Ordering and shipping details

Category	01130 - BD UNIT MOUNT BREAKER/SWITCH
Discount Schedule	DE2
GTIN	003606481152794
Nbr. of units in pkg.	1
Package weight(Lbs)	2.0899999999999999
Returnability	Y

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1644 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold