Product data sheet Characteristics

BDA36030 PowerPact - circuit breaker - 30A 3P AC 18kA at 600Y/347V (UL) - I-Line

Product availability : Stock - Normally stocked in distribution facility



Price* : 1,012.00 USD



Main

Range	PowerPact	
Product name	PowerPact B	
Device short name	BD 030	
Product or component type	Circuit breaker	
Device application	Distribution	

Complementary

		r snecific user applications
Main		ucts fo
Range	PowerPact	prod
Product name	PowerPact B	hese
Device short name	BD 030	v of t
Product or component type	Circuit breaker	liabilit
Device application	Distribution	orre
Complementary		 וחס suitability
Line Rated Current	30 A	
Number of Poles	3P	 r dete
Protected poles description	3t	ed fo
Control type	Toggle	nsi Ne US
Breaking capacity code	D	t to t
Breaking capacity	25 kA at 240 V AC 50/60 Hz according to UL 489 14 kA at 600 V AC 50/60 Hz according to UL 489 18 kA at 600Y/347 V AC 50/60 Hz according to UL 489 20 kA at 250 V DC 50/60 Hz according to UL 489 Icu : 25 kA at 480/277 V AC 50/60 Hz according to IEC 60947-2 25 kA at 480 V AC 50/60 Hz according to UL 489 18 kA at 125 V DC 50/60 Hz according to UL 489 18 kA at 250 V DC 50/60 Hz according to UL 489	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
System Voltage	240 V AC 50/60 Hz according to IEC 60947-2 347 V AC 50/60 Hz according to UL 489 125 V DC 50/60 Hz according to UL 489 250 V DC 50/60 Hz according to UL 489	tion is not intend
[Ics] rated service breaking capacity	25 kA: at 220240 V AC 50/60 Hz according to IEC 60947-2 18 kA: at 380415 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 500525 V AC 50/60 Hz according to IEC 60947-2	This documentat
[Uimp] rated impulse withstand voltage	8 kV according to IEC 60947-2	
[Ui] rated insulation voltage	800 V according to IEC 60947-2	isclaii



Trip unit technology	Thermal-magnetic
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	I-Line
Electrical connection	I-Line connection at line Lugs at load
AWG gauge	AWG 14AWG 2/0 (aluminium/copper)
Mounting height	4.49 in (114 mm)
Tightening torque	3.64.4 N.m 00.01 in² (2.56 mm²) (AWG 14AWG 10) 56.2 N.m 0.020.11 in² (1070 mm²) (AWG 8AWG 2/0)
Number of slots	1 auxiliary switch OF (plug-in) 1 voltage release MN or MX (plug-in) 1 alarm switch SD (plug-in)
Power wire stripping length	0.79 in (20 mm)
Color	Grey (RAL 7016)
9 mm pitches	9
Height	5.39 in (137 mm)
Width	3.19 in (81 mm)
Depth	3.5 in (89 mm)
Product weight	2.9 lb(US) (1.315 kg)
Quantity per set	Set of 1
Phase connection	ABC
Continuous current rating	80 %

Environment

Quality labelsCEStandardsEN/IEC 60947-2 EN/IEC 60947-5-1 GB 14048.2 NEMA AB1 UL 489 CSA C22.2 No 5 NMX J-266Product certificationsUL CSA CCC EAC CCC EAC EAC NOM IECIP degree of protectionIP40 (front cover) according to IEC 60529IK degree of protectionIK07 according to IEC 60529IK degree of protection1K07 according to IEC 60529IK degree of protection-13158 °F (-2570 °C)Ambient air temperature for operation-13158 °F (-5085 °C)Operating altitudeWith derating Without derating	Linvironment	
EN/IEC 60947-5-1 GB 14048.2 NEMA AB1 UL 489 CSA C22.2 No 5 NMX J-266Product certificationsUL CSA CCC EAC NOM IECIP degree of protectionIP40 (front cover) according to IEC 60529IK degree of protectionIP40 (front cover) according to IEC 60529IK degree of protectionIK07 according to IEC 60947-1Ambient air temperature for operation-13158 °F (-2570 °C)Ambient air temperature for storage-58185 °F (-5085 °C)Operating altitudeWith derating	Quality labels	CE
CSA CCC EAC NOM IECIP degree of protectionIP40 (front cover) according to IEC 60529IK degree of protectionIK07 according to IEC 62262Pollution degree3 according to IEC 60947-1Ambient air temperature for operation-13158 °F (-2570 °C)Ambient air temperature for storage-58185 °F (-5085 °C)Operating altitudeWith derating	Standards	EN/IEC 60947-5-1 GB 14048.2 NEMA AB1 UL 489 CSA C22.2 No 5
IK degree of protection IK07 according to IEC 62262 Pollution degree 3 according to IEC 60947-1 Ambient air temperature for operation -13158 °F (-2570 °C) Ambient air temperature for storage -58185 °F (-5085 °C) Operating altitude With derating	Product certifications	CSA CCC EAC NOM
Pollution degree 3 according to IEC 60947-1 Ambient air temperature for operation -13158 °F (-2570 °C) Ambient air temperature for storage -58185 °F (-5085 °C) Operating altitude With derating	IP degree of protection	IP40 (front cover) according to IEC 60529
Ambient air temperature for operation -13158 °F (-2570 °C) Ambient air temperature for storage -58185 °F (-5085 °C) Operating altitude With derating	IK degree of protection	IK07 according to IEC 62262
Ambient air temperature for storage -58185 °F (-5085 °C) Operating altitude With derating	Pollution degree	3 according to IEC 60947-1
Operating altitude With derating	Ambient air temperature for operation	-13158 °F (-2570 °C)
	Ambient air temperature for storage	-58185 °F (-5085 °C)
	Operating altitude	

Ordering and shipping details

Category	01133 - BDA I-LINE BREAKER
Discount Schedule	DE2
GTIN	003606481152565
Nbr. of units in pkg.	1

Package weight(Lbs)	3.82000000000003
Returnability	Y
Country of origin	MX

Offer Sustainability

Sustainable offer status	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	
Product environmental profile	Available	
Product end of life instructions	Need no specific recycling operations	
California proposition 65	WARNING: This product can expose you to chemicals including:	
Substance 1	DINP, which is known to the State of California to cause cancer, and	
Substance 2	DIDP, which is known to the State of California to cause Birth Defects or other reproductive harm.	
More information	For more information go to www.p65warnings.ca.gov	