BKA160203

Circuit breaker, PowerPacT B, 20A, 1 pole, 600Y/347VAC, 65kA, I-Line, thermal magnetic, 80%, B





Main

Wichin	
Range	PowerPact
Product name	PowerPact B
Device short name	BK 020
Product or Component Type	Circuit breaker
Device Application	Distribution

Complementary

Complementary		
Line Rated Current	20 A	
Number of Poles	1P	
Control Type	Toggle	
Breaking capacity code	К	
Breaking capacity	100 KA 208Y/120 V AC 50/60 Hz UL 489 100 KA 240 V AC 50/60 Hz UL 489 65 KA 480Y/277 V AC 50/60 Hz UL 489 65 kA 600Y/347 V AC 50/60 Hz UL 489	
Network Frequency	50/60 Hz	
[Uimp] rated impulse withstand voltage	8 kV IEC 60947-2	
Trip unit technology	Thermal-magnetic	
Continuous current rating	80 %	
[Ui] rated insulation voltage	800 V IEC 60947-2	
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)	
AWG gauge	AWG 14AWG 2/0 aluminium/copper	
Local signalling	Presence of auxiliary contacts flag green)	
Mounting mode	I-Line	
Electrical connection	I-Line connection, line Lugs, load	
Mounting Height	1.50 in (38.1 mm)	
Tightening torque	31.8638.94 Lbf.In (3.64.4 N.m) 0.000.01 in² (2.56 mm²) (AWG 14AWG 10) 44.2554.87 lbf.in (56.2 N.m) 0.020.11 in² (1070 mm²) (AWG 8AWG 2/0)	
Color	Gray RAL 7016)	
9 mm pitches	3	
Height	5.39 in (137 mm)	
Width	1.06 in (27 mm)	
Depth	3.50 in (89 mm)	
Net Weight	1.41 lb(US) (0.6375 kg)	
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The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherenced as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the documentation is not be used to perform the appropriate and complete risk analysis, evaluation of the products with respect to the relevant specific application or use thereof. Neither Schmeider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Quantity per Set	Set of 1	
Phase connection	В	
Circuit breaker application	HACR rated	

Environment

Standards	UL 489	
	NMX J-266	
	GB 14048.2	
	EN/IEC 60947-5-1	
	EN/IEC 60947-2	
	NEMA AB1	
	CSA C22.2 No 5	
Product certifications	UL[RETURN]IEC[RETURN]CCC[RETURN]EAC[RETURN]CSA[RETURN]NOM	
IP degree of protection	Front cover IP40 IEC 60529	
IK degree of protection	IK07 conforming to IEC 62262	
Pollution degree	3 IEC 60947-1	
Ambient air temperature for operation	-13158 °F (-2570 °C)	
Ambient Air Temperature for Storage	-58185 °F (-5085 °C)	
Operating altitude	< 6561.68 ft (2000 m) without derating	
	5000 m with derating	

Ordering and shipping details

Category	US10DE201135
Discount Schedule	0DE2
GTIN	3606489779368
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	1.50 in (3.81 cm)	
Package 1 Width	7.75 in (19.685 cm)	
Package 1 Length	11.63 in (29.528 cm)	
Package 1 Weight	25.76 oz (730.284 g)	

Offer Sustainability

Chor Guotamabinty	
Sustainable offer status	Green Premium product
California proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
REACh Regulation	☑ REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	₫Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
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