Product datasheet

Specification





VarPlus Can HDuty Capacitor - 18/21.6 kvar - 480 V - 50/60Hz

BLRCH180A216B48

Main

Range Of Product	PowerLogic	
Product Or Component Type	Heavy duty capacitor	
Network Frequency	50/60 Hz	
Series Name	HDuty	
Network Harmonic Content	<= 20 %	
Electrical Parameters	18 kvar 480 V 50 Hz 21.6 kvar 480 V 60 Hz	
Maximum Permissible Voltage	1.1 x Un (8 hours over 24 hours)	
Continuous Overcurrent Capacity	rent Capacity 1.8 x In	
Rated Voltage	480 V AC 50/60 Hz	

Complementary

Dielectric Losses	< 0.2 W/kvar	
Power Losses	< 0.5 W/kVAr	
Capacitance Tolerance	- 5 % to 10 %	
Voltage Test	2.15 x Un AC between terminals for 10 s <= 660 V - 3 kV AC between terminal and container for 10 s >= 660 V - 6 kV AC between terminal and container for 10 s	
Inrush Current	250 x ln	
Maximum Switching Operation Per Year	7000	
Service Life In Hours	130000 h	
Dielectric Material	Metallized polypropylene film with Zn/Al alloy, special resistivity & profile, special edge (wave cut)	
Impregnation Material	al Non-PCB dry PUR resin Biodegradable	
Type Of Installation	Indoor installation	
Connections - Terminals	ClampTite terminal	
Mounting Mode	Upright/horizontal	
Diameter	116 mm	
Height	242 mm	
Net Weight	eight 2.5 kg	

Environment

Standards	IEC 60831-2 IEC 60831-1	
Ip Degree Of Protection	IP20	
Operating Altitude	2000 m	
Temperature Class	D	
Ambient Air Temperature For Operation	-2555 °C	
Relative Humidity	95 %	

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	57.5 cm
Package 1 Width	53.5 cm
Package 1 Length	73.5 cm
Package 1 Weight	2.5 kg

Contractual warranty

Warranty 18 months



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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

Ø	Reach Free Of Svhc	
Ø	Toxic Heavy Metal Free	
②	Mercury Free	
⊘	Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins