

Product datasheet

Specifications



Varplus Box Energy Ultra Heavy Duty MD-XL - 3-phase - 7.6 kVAr - 525 V 50 Hz

MEHVBENY069A52

❗ Discontinued on: 31 December 2022

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Main

Range	PowerLogic
Product name	PowerLogic PFC Capacitor
Product or component type	Ultra heavy duty capacitor
Device application	Direct connection with machine Stand alone PFC equipment Fixed bank

Complementary

Reactive power rating	6.9 kvar
Rated voltage	525 V
[In] rated current	7.6 A
Network frequency	50 Hz
Dielectric loss	0.2
Capacitance tolerance	- 5 % to 10 %
[Imp] maximum permanent current	2.5 x Is
Inrush current	Up to 400 x In
Maximum switching operation per year	10000
Service life in hours	160000 h
Impregnation material	Oil Non-PCB
Operating altitude	4000 m
Connections - terminals	Direct busbar mounting for banking Bushing terminals for large cables
Capacitor connection	3-phase delta connection
Safety function	Self healing Discharge device Pressure sensitive disconnecter for every phase
Fixing mode	Mounting cleats
Depth	97 mm
Height	260 mm

Width	263 mm
Net weight	3.6 kg
Environment	
Standards	IS 13341-1992 IS 13340-1993
Ambient air temperature for operation	-25...70 °C
Relative humidity	95 %
Packing Units	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.0 cm
Package 1 Width	28.0 cm
Package 1 Length	37.0 cm
Package 1 Weight	3.9 kg
Unit Type of Package 2	S03
Number of Units in Package 2	3
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	11.7 kg
Offer Sustainability	
Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Contractual warranty	
Warranty	18 mois
Recommended replacement(s)	