

Product datasheet

Specifications



Varplus Box Energy Ultra Heavy Duty MD-XL - 3-phase - 13.6 kVAr - 480 V 50 Hz

MEHVBENY113A48

⚠ Discontinued on: 31 December 2022

⚠ Discontinued

Main

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

Complementary

Reactive power rating	11.3 kvar
Rated voltage	480 V
[In] rated current	13.6 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	Bushing terminals for large cables Direct busbar mounting for banking
Capacitor connection	3-phase delta connection
Safety function	Pressure sensitive disconnecter for every phase Discharge device Self healing
Fixing mode	Mounting cleats
Depth	97 mm
Height	355 mm

Width	263 mm
Net weight	4.8 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	5.4 kg
Unit Type of Package 2	S04
Number of Units in Package 2	5
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	27.0 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
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Recommended replacement(s)