

# Product datasheet

Specifications



## Varplus Box Energy Ultra Heavy Duty MD-XL - 3-phase - 20.4 kVAr - 480 V 50 Hz

MEHVBENY170A48

⚠ Discontinued on: 31-Dec-2022

⚠ Discontinued

### Main

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

### Complementary

Reactive power rating	17 kvar
rated voltage	480 V
[In] rated current	20.4 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	Discharge device Pressure sensitive disconnecter for every phase Self healing
Fixing mode	Mounting cleats
Depth	153 mm
Height	355 mm
Width	309 mm
Net weight	7.5 kg

## Environment

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Standards	IS 13340-1993 IS 13341-1992
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Ambient air temperature for operation	-25...70 °C
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Relative humidity	95 %
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## Packing Units

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Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	17.5 cm
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Package 1 Width	32.0 cm
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Package 1 Length	37.0 cm
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Package 1 Weight	8.76 kg
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## Contractual warranty

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Warranty	18 mois
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

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

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

Reach Free Of Svhc

Mercury Free

Rohs Exemption Information [Yes](#)

## Certifications & Standards

**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](#)

**Circularity Profile** [End of Life Information](#)