

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 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Environment

| | |
|---------------------------------------|--------------------------------|
| Standards | IS 13340-1993 IS 13341-1992 |
| 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 | 17.5 cm |
| Package 1 Width | 32.0 cm |
| Package 1 Length | 37.0 cm |
| Package 1 Weight | 8.76 kg |

Contractual warranty

| | |
|----------|---------|
| Warranty | 18 mois |
|----------|---------|

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-CO₂ 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 |