# Product datasheet

Specifications

Green Premium™

## Varplus Box Heavy Duty MPP-HDuty - 3-phase delta connection - 36.4 kVAr - 525 V

MEHVBHDY331A52

## Main

| | |
|---|---|
| **Range** | PowerLogic |
| **Product name** | PowerLogic PFC Capacitor |
| **Product or component type** | Heavy duty capacitor |
| **Device application** | Direct connection with machine<br>Stand alone PFC equipment<br>Fixed bank |

## Complementary

| | |
|---|---|
| **Reactive power rating** | 33.1 kvar |
| **rated voltage** | 525 V |
| **[In] rated current** | 36.4 A |
| **Network frequency** | 50 Hz |
| **Dielectric loss** | 0.2 |
| **capacitance tolerance** | - 5 % to 10 % |
| **[Imp] maximum permanent current** | 1.8 x In |
| **Inrush current** | Up to 250 x In |
| **Maximum switching operation per year** | 7000 |
| **Service life in hours** | 130000 h |
| **Impregnation material** | Non-PCB<br>Bio-degradable PUR resin |
| **Operating altitude** | 2000 m |
| **Connections - terminals** | Bushing terminals for large cables<br>Direct busbar mounting for banking |
| **Capacitor connection** | 3-phase delta connection |
| **Safety function** | Discharge device<br>Pressure sensitive disconnector for every phase<br>Self healing |
| **Fixing mode** | Mounting cleats |
| **Depth** | 153 mm |
| **Height** | 355 mm |
| **Width** | 309 mm |
| **Net weight** | 7.5 kg |

## Environment

Life Is On | Schneider Electric

| Standards | IS 13340-1993 |
|---|---|
| | IS 13341-1992 |
| | IEC 60831-1/2 |
| Ambient air temperature for operation | -25…55 °C |
| Relative humidity | 95 % |

# Packing Units

| Unit Type of Package 1 | PCE |
|---|---|
| Number of Units in Package 1 | 1 |
| Package 1 Height | 24.8 cm |
| Package 1 Width | 33.8 cm |
| Package 1 Length | 52.4 cm |
| Package 1 Weight | 12.06 kg |

# Contractual warranty

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

# Sustainability

**Green Premium<sup>TM</sup> 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-$CO_2$ 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

✓ Toxic Heavy Metal Free

✓ 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

**Circularity Profile**           End of Life Information