# Product datasheet

Specifications

Green Premium™

Discontinued

## VarPlus Box HDuty Capacitor - 20.8/25 kvar - 400 V - 50/60Hz

BLRBH208A250B40

Discontinued on: 1 Nov 2020

## Main

| | |
|---|---|
| **Range Of Product** | VarPlus Box |
| **Product Or Component Type** | Heavy duty capacitor |
| **Network Frequency** | 50/60 Hz |
| **Series Name** | HDuty |
| **Network Harmonic Content** | <= 20 % |
| **Electrical Parameters** | 18.8 kvar 380 V 50 Hz<br>22.6 kvar 380 V 60 Hz<br>20.8 kvar 400 V 50 Hz<br>25 kvar 400 V 60 Hz<br>22.4 kvar 415 V 50 Hz<br>26.9 kvar 415 V 60 Hz |
| **Maximum Permissible Voltage** | 1.1 x Un (8 hours over 24 hours) |
| **Continuous Overcurrent Capacity** | 1.8 x In |
| **Rated Voltage** | 380…415 V AC 50/60 Hz |

## Complementary

| | |
|---|---|
| **Dielectric Losses** | < 0.2 W/kvar |
| **Power Losses** | < 0.5 W/kVAr |
| **Capacitance Tolerance** | - 5 % to 10 % |
| **Voltage Test** | 2.15 x Un AC between terminals for 10 s<br><= 660 V - 3 kV AC between terminal and container for 10 s<br>>= 660 V - 6 kV AC between terminal and container for 10 s |
| **Inrush Current** | 250 x In |
| **Maximum Switching Operation Per Year** | 7000 |
| **Service Life In Hours** | 130000 h |
| **Dielectric Material** | Metallized polypropylene film with Zn/Al alloy, special resistivity & profile, special edge (wave cut) |
| **Impregnation Material** | Non-PCB dry PUR resin<br>Biodegradable |
| **Type Of Installation** | Indoor installation |
| **Connections - Terminals** | M8 stud with bushing terminal |
| **Mounting Mode** | Upright |
| **Height** | 355 mm |
| **Width** | 309 mm |

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

| | |
|---|---|
| **Depth** | 153 mm |
| **Net Weight** | 7.5 kg |

## Environment

| | |
|---|---|
| **Standards** | IEC 60831-2<br>IEC 60831-1 |
| **Ip Degree Of Protection** | IP20 |
| **Operating Altitude** | 2000 m |
| **Temperature Class** | D |
| **Ambient Air Temperature For Operation** | -25…55 °C |
| **Relative Humidity** | 95 % |

## Contractual warranty

| | |
|---|---|
| **Warranty** | 18 months |

## 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-$CO_2$ 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 | |
| Mercury Free | |
| Rohs Exemption Information | Yes |

## Certifications & Standards

| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant<br>EU RoHS Declaration |
| **China Rohs Regulation** | China RoHS declaration<br>Product out of China RoHS scope. Substance declaration for your information |
| **Environmental Disclosure** | Product Environmental Profile |
| **Weee** | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| **Circularity Profile** | End of Life Information |