

# Product datasheet

Specifications



## VarPlus Can HDuty Capacitor - 30/36 kvar - 400 V - 50/60Hz

BLRCH300A360B40

Price: 3,316.28 ZAR

### Main

|                                 |                                                                                                                                                |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Range Of Product                | PowerLogic                                                                                                                                     |
| Product Or Component Type       | Heavy duty capacitor                                                                                                                           |
| Network Frequency               | 50/60 Hz                                                                                                                                       |
| Series Name                     | HDuty                                                                                                                                          |
| Network Harmonic Content        | <= 20 %                                                                                                                                        |
| Electrical Parameters           | 27.1 kvar 380 V 50 Hz<br>32.5 kvar 380 V 60 Hz<br>30 kvar 400 V 50 Hz<br>36 kvar 400 V 60 Hz<br>32.3 kvar 415 V 50 Hz<br>38.8 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              | ClampTite terminal                                                                                                                                                  |
| Mounting Mode                        | Upright/horizontal                                                                                                                                                  |
| Diameter                             | 136 mm                                                                                                                                                              |
| Height                               | 242 mm                                                                                                                                                              |
| Net Weight                           | 3.2 kg                                                                                                                                                              |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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                             | 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 %                       |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type Of Package 1       | PCE      |
| Number Of Units In Package 1 | 1        |
| Package 1 Height             | 20 cm    |
| Package 1 Width              | 19.7 cm  |
| Package 1 Length             | 31.5 cm  |
| Package 1 Weight             | 3.802 kg |
| Unit Type Of Package 2       | S06      |
| Number Of Units In Package 2 | 15       |
| Package 2 Height             | 74 cm    |
| Package 2 Width              | 60 cm    |
| Package 2 Length             | 80 cm    |
| Package 2 Weight             | 57.03 kg |
| Unit Type Of Package 3       | S06      |
| Number Of Units In Package 3 | 15       |
| Package 3 Height             | 74 cm    |
| Package 3 Width              | 60 cm    |
| Package 3 Length             | 80 cm    |
| Package 3 Weight             | 57.03 kg |

## 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<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

|                          |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Reach Regulation         | <a href="#">REACH Declaration</a>                                                                                           |
| Eu Rohs Directive        | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                            |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>                                                                               |
| Weee                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |