

# Product datasheet

Specifications



## VarPlus Can HDuty Capacitor - 12.5/15 kvar - 400 V - 50/60Hz

BLRCH125A150B40

### Main

Range Of Product	PowerLogic
Product Or Component Type	Heavy duty capacitor
Network Frequency	50/60 Hz
Series Name	HDuty
Network Harmonic Content	$\leq 20\%$
Electrical Parameters	11.3 kvar 380 V 50 Hz 13.5 kvar 380 V 60 Hz 12.5 kvar 400 V 50 Hz 15 kvar 400 V 60 Hz 13.5 kvar 415 V 50 Hz 16.1 kvar 415 V 60 Hz
Maximum Permissible Voltage	$1.1 \times U_n$ (8 hours over 24 hours)
Continuous Overcurrent Capacity	$1.8 \times I_n$
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	$2.15 \times U_n$ AC between terminals for 10 s $\leq 660$ V - 3 kV AC between terminal and container for 10 s $\geq 660$ V - 6 kV AC between terminal and container for 10 s
Inrush Current	$250 \times I_n$
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 Biodegradable
Type Of Installation	Indoor installation
Connections - Terminals	ClampTite terminal
Mounting Mode	Upright/horizontal
Diameter	90 mm
Height	242 mm
Net Weight	1.6 kg

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

## Environment

Standards	IEC 60831-2 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	28.5 cm
Package 1 Width	11 cm
Package 1 Length	11.8 cm
Package 1 Weight	1.7 kg
Unit Type Of Package 2	BB1
Number Of Units In Package 2	2
Package 2 Height	29 cm
Package 2 Width	29 cm
Package 2 Length	39 cm
Package 2 Weight	7.5 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	6
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	12.6 kg

## Contractual warranty

Warranty	18 months
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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

✓ 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](#)

**Weee** The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins