

# Product datasheet

Specifications



## VarPlus Can HDuty Capacitor - 40/48 kvar - 400 V - 50/60Hz

BLRCH400A480B40

⚠ Discontinued on: 01 Dec 2024

**Price: 4,331.94 ZAR**

⚠ To be discontinued

### Main

Range	PowerLogic
Range of product	PowerLogic
Product or component type	Heavy duty capacitor
Product name	PowerLogic PFC Capacitor
Network frequency	50/60 Hz
Series name	HDuty
Network harmonic content	$\leq 20\%$
Electrical parameters	36.1 kvar 380 V 50 Hz 43.3 kvar 380 V 60 Hz 40 kvar 400 V 50 Hz 48 kvar 400 V 60 Hz 43.1 kvar 415 V 50 Hz 51.7 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	Stud terminals
Mounting mode	Upright/horizontal
Diameter	136 mm

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

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Height	321 mm
Net weight	5.3 kg

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## Environment

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Standards	IEC 60831-1 IEC 60831-2
IP degree of protection	IP00
Operating altitude	2000 m
Temperature class	D
Ambient air temperature for operation	-25...55 °C
Relative humidity	95 %

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## Packing Units

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	18.000 cm
Package 1 Width	18.000 cm
Package 1 Length	38.500 cm
Package 1 Weight	5.356 kg
Unit Type of Package 2	S06
Number of Units in Package 2	12
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	77.272 kg

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## Contractual warranty

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Warranty (in months)	18
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Total lifecycle Carbon footprint 97

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant

REACH Regulation [REACH Declaration](#)

### Energy efficiency

Product contributes to saved and avoided emissions Yes

## Use Longer

### Lifetime extension

Repair No

## Use Again

### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back No

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