

# Product datasheet

Specifications



## VarPlus Can HDuty Capacitor - 31.5/37.8 kvar - 480 V - 50/60Hz

Local distributor code:

408307664

BLRCH315A378B48

⚠ Discontinued on: 9 Feb 2023

EAN Code: 3606485255941

⚠ 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	31.5 kvar 480 V 50 Hz 37.8 kvar 480 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	480 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 $U_n$ 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	136 mm
Height	242 mm

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Net weight	3.2 kg
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## Environment

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Standards	IEC 60831-1 IEC 60831-2
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IP degree of protection	IP20
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Operating altitude	2000 m
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Temperature class	D
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Ambient air temperature for operation	-25...55 °C
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Relative humidity	95 %
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## Packing Units

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Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	19.000 cm
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Package 1 Width	19.000 cm
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Package 1 Length	31.500 cm
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Package 1 Weight	3.854 kg
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Unit Type of Package 2	S06
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Number of Units in Package 2	15
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Package 2 Height	75.000 cm
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Package 2 Width	60.000 cm
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Package 2 Length	80.000 cm
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Package 2 Weight	70.810 kg
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## Logistical informations

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Country of origin	IN
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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 71

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 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