

VarPlus Can HDuty Capacitor - 25/30 kvar - 400 V - 50/60Hz

BLRCH250A300B40

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	22.6 kvar 380 V 50 Hz 27.1 kvar 380 V 60 Hz 25 kvar 400 V 50 Hz 30 kvar 400 V 60 Hz 26.9 kvar 415 V 50 Hz 32.3 kvar 415 V 60 Hz	
Maximum permissible voltage	1.1 x Un (8 hours over 24 hours)	
continuous overcurrent capacity	1.8 x ln	
Rated voltage	380415 V AC 50/60 Hz	

Complementary

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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 <= 660 V - 3 kV AC between terminal and container for 10 s >= 660 V - 6 kV AC between terminal and container for 10 s	
Inrush current	250 x ln	
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	116 mm	
Height	242 mm	
Product weight	2.5 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 60831-1 IEC 60831-2
IP degree of protection	IP20
Operating altitude	2000 m
Temperature class	D
Ambient air temperature for operation	-2555 °C
relative humidity	95 %

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	18.5 cm
Package 1 Width	19.5 cm
Package 1 Length	31 cm
Package 1 Weight	3.004 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	45.06 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	45.06 kg

Contractual warranty

Warranty 18 months



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	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	55
Environmental Disclosure	Product Environmental Profile

Use Better

Packaging made with recycled cardboard	Yes	
Packaging without single use plastic	Yes	
China RoHS Regulation	China RoHS declaration	
Product contributes to saved and avoided emissions	Yes	

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Take-back	No