

heavy duty PowerLogic PFC Capacitor, 10.4/12.5 kvar - 480 V -50/60Hz

BLRCH104A125B48

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	<= 20 %	
Electrical parameters	10.4 kvar 480 V 50 Hz 12.5 kvar 480 V 60 Hz	
Maximum permissible voltage	1.1 x Un (8 hours over 24 hours)	
continuous overcurrent capacity	1.8 x ln	
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 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	75 mm	
Height	233 mm	
Net weight	1.2 kg	

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	-2555 °C
Relative humidity	95 %

Packing Units

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.500 cm
Package 1 Width	12.500 cm
Package 1 Length	28.500 cm
Package 1 Weight	1.319 kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	8.714 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)	24
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	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins