

Product data sheet

Specifications



heavy duty PowerLogic PFC Capacitor, 29.2/35 kvar - 575 V - 50/60Hz

BLRCH292A350B57

Product availability: Stock - Normally stocked in distribution facility

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	29.2 kvar 575 V 50 Hz 35 kvar 575 V 60 Hz
Maximum permissible voltage	1.1 x Un 8 hours over 24 hours)
continuous overcurrent capacity	1.8 x In
Rated voltage	575 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 10 s <= 660 V - 3 kV AC between terminal and container 10 s >= 660 V - 6 kV AC between terminal and container 10 s
Inrush current	250 x In
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	5.4 in (136 mm)
Height	9.5 in (242 mm)
Product Weight	7.05 lb(US) (3.2 kg)

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Environment

Standards	IEC 60831-2 IEC 60831-1
IP degree of protection	IP20
Operating altitude	6561.68 ft (2000 m)
Temperature class	D
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Relative humidity	95 %

Ordering and shipping details

Category	US1DE2C00051
Discount Schedule	DE2C
GTIN	3606485254067
Returnability	Yes
Country of origin	IN

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	22.64 in (57.500 cm)
Package 1 Width	21.06 in (53.500 cm)
Package 1 Length	28.94 in (73.500 cm)
Package 1 Weight	7.055 lb(US) (3.200 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	3
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	15.75 in (40.000 cm)
Package 2 Length	23.62 in (60.000 cm)
Package 2 Weight	28.157 lb(US) (12.772 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	12
Package 3 Height	28.94 in (73.500 cm)
Package 3 Width	23.62 in (60.000 cm)
Package 3 Length	31.50 in (80.000 cm)
Package 3 Weight	134.482 lb(US) (61.000 kg)

Contractual warranty

Warranty	18 months
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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	
Carbon footprint (kg CO2 eq, Total Life cycle)	60
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.