



Main

Range of product	PowerLogic
Product or component type	Heavy duty capacitor
Network frequency	50/60 Hz
Series name	HDuty
Network harmonic content	$\leq 20\%$
Reactive power rating	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)
[Imp] maximum permanent current	$1.8 \times I_n$
Rated voltage	480 V AC 50/60 Hz

Complementary

Dielectric losses	$< 0.2 \text{ W/kvar}$
Power losses	$< 0.5 \text{ W/kVAr}$
Capacitance tolerance	- 5 % to 10 %
Voltage test	$2.15 \times U_n$ AC between terminals for 10 s $\leq 660 \text{ V} - 3 \text{ kV}$ AC between terminal and container for 10 s $\geq 660 \text{ V} - 6 \text{ kV}$ 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
Net weight	3.2 Kg

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	-25...55 °C
Relative humidity	95 %

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	3.847 Kg
Package 1 Height	20.0 Cm
Package 1 width	20.0 Cm
Package 1 Length	32.0 Cm
Unit Type of Package 2	P06
Number of Units in Package 2	15
Package 2 Weight	70.705 Kg
Package 2 Height	80.0 Cm
Package 2 width	80.0 Cm
Package 2 Length	60.0 Cm
Unit Type of Package 3	S06
Number of Units in Package 3	15
Package 3 Weight	57.705 Kg
Package 3 Height	74.0 Cm
Package 3 width	60.0 Cm
Package 3 Length	80.0 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
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

Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**