



Main

Range of product	PowerLogic
Product or component type	Heavy duty capacitor
Network frequency	50/60 Hz
Series name	HDuty
Network harmonic content	$\leq 20 \%$
Electrical parameters	45.1 Kvar 380 V 50 Hz 50 Kvar 400 V 50 Hz 53.8 kvar 415 V 50 Hz
Maximum permissible voltage	1.1 x Un (8 hours over 24 hours)
Continuous overcurrent capacity	1.8 x In
Rated voltage	380...415 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 x Un 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 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	M10 stud with bushing terminal
Mounting mode	Upright
Height	497 mm
Width	309 mm
Depth	224 mm
Net weight	10 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	-25...55 °C
Relative humidity	95 %

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	50 cm
Package 1 Width	22 cm
Package 1 Length	31 cm
Package 1 Weight	10.8 kg
Unit Type of Package 2	CAR
Number of Units in Package 2	1
Package 2 Height	50 cm
Package 2 Width	22 cm
Package 2 Length	31 cm
Package 2 Weight	12 kg
Unit Type of Package 3	S06
Number of Units in Package 3	5
Package 3 Height	73.5 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	73 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
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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