



Main

Network rated voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive power rating	400 Kvar
Operating mode	Automatic
Range	PowerLogic
Device short name	Automatic capacitor bank
Product or component type	Capacitor bank

Complementary

Network pollution level	Low polluted
[Gh/Sn] harmonic pollution rate	15...25 %
[THDU] total harmonic distortion	3...4 %
Power per step	50 Kvar
Step composition	2x50 + 3x100
Location of connection	Bottom
Controller type	PowerLogic PFC Controller VPL6
Series name	PowerLogic PFC Capacitor
Poles description	3P
Capacitance tolerance	- 5 % to 10 %
[Ui] rated insulation voltage	690 V
[Uimp] rated impulse withstand voltage	8 KV
Maximum permissible voltage	1.1 x Un (8 hours over 24 hours) conforming to IEC 60831
[Imp] maximum permanent current	Capacitor: 1.8 x In at 480 V conforming to IEC 60831 Battery: 1.43 x In at 400 V conforming to IEC 61439-2 Battery: 1.19 x In at 415 V conforming to IEC 61439-2
Protection type	Without protection
[Icw] rated short-time withstand current	35 KA at 1 s (Icw)
Step protection type	Overload: harmonic control from PowerLogic PFC Controller Short-circuit: fuse
Accessibility for operation	Front
Colour	Grey (RAL 7035)
Product weight	434 Kg
Height	2200 Mm
Width	800 Mm
Depth	600 Mm
Provided equipment	Auxiliary transformer

Internal voltage transformer	400/230 V - 630 VA
Function available	GenSet shedding contact Alarm contact

Environment

Standards	IEC 61439-1 IEC 61921 IEC 61439-2
Product certifications	CE EAC ASEFA
Mounting location	Indoor
IP degree of protection	Environment: IP31 Safety: IPxx B
IK degree of protection	IK10
Relative humidity	0...95 %
Operating altitude	<= 2000 m
Ambient air temperature for operation	-5...45 °C
Average ambient air temperature for operation	35 °C (annual) 45 °C (over 24 hours)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	230.000 Cm
Package 1 Width	80.000 Cm
Package 1 Length	120.000 Cm
Package 1 Weight	308.000 Kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
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

Product Life Status : **Commercialised**