



Main

Network rated voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive power rating	350 kvar
Operating mode	Automatic
Range	PowerLogic
Device short name	automatic capacitor bank with detuned reactor
Product or component type	Capacitor bank

Complementary

Network pollution level	Polluted
[Gh/Sn] harmonic pollution rate	25...50 %
[THDU] total harmonic distortion of voltage	4...7 %
Tuning factor	4.2
Tuning frequency	210 Hz
Power per step	50 kvar
Step composition	50 + 3x100
Location of connection	Bottom
Controller type	PowerLogic PFC Controller VPL6
Capacitor technology	PowerLogic PFC Capacitor + Detuned Reactor
Poles description	3P
Capacitance tolerance	- 5 % to 10 %
[Ui] rated insulation voltage	800 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: 1.31 x In at 400 V conforming to IEC 61439-2 Battery: 1.19 x In at 415 V conforming to IEC 61439-2
Main incomer protection	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)
Maximum weight	450 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[RETURN]ASEFA[RETURN]EAC
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	230.0 cm
Package 1 Width	80.0 cm
Package 1 Length	120.0 cm
Package 1 Weight	412.0 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins