



### Main

Network rated voltage	400 V AC 60 Hz 415 V AC 60 Hz
Reactive power rating	600 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	2.7
Tuning frequency	162 Hz
Power per step	100 kvar
Step composition	2x50 + 5x100
Location of connection	Bottom
Controller type	PowerLogic PFC Controller VPL12
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: 1.12 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	Circuit breaker protection
Breaking capacity	Icu 50 kA
Control type	Rotary handle
Step protection type	Overload: harmonic control from PowerLogic PFC Controller Short-circuit: fuse
Accessibility for operation	Front
Colour	Grey (RAL 7035)
Maximum weight	952 kg
Height	2200 mm
Width	Capacitor: 800 mm Detuned reactor: 600 mm
Depth	600 mm
Provided equipment	Auxiliary transformer
Internal voltage transformer	400/230 V - 1000 VA
Function available	Alarm contact GenSet shedding contact

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## Environment

Standards	IEC 61439-2 IEC 61921 IEC 61439-1
Product certifications	ASEFA[RETURN]CE[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	156.0 cm
Package 1 Weight	952.0 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	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins