



Main

Network rated voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive power rating	40 kvar
Operating mode	Automatic
Range	PowerLogic
Device short name	VarSet automatic
Product or component type	Capacitor bank

Complementary

Network pollution level	No polluted
[Gh/Sn] harmonic pollution rate	0...15 %
[THDU] total harmonic distortion	0...3 %
Step sequences	1.1
Power per step	40 kvar
Step composition	40
Location of connection	Top
Controller type	EasyLogic PFC Controller NR6
Capacitor technology	EasyLogic PFC Capacitor
Poles description	3P
Capacitance tolerance	- 5 % to 10 %
[Ui] rated insulation voltage	500 V
[Uimp] rated impulse withstand voltage	6 kV
Maximum permissible voltage	1.1 x Un (8 hours over 24 hours) conforming to IEC 60831
[Imp] maximum permanent current	1.36 x In at 400...415 V conforming to IEC 60831
Protection type	Without protection C120a 80 A
[Icw] rated short-time withstand current	30 kA at 1 s (Icw)
Accessibility for operation	Front
Colour	Grey (RAL 7035)
Maximum weight	48 kg
Height	650 mm
Width	500 mm
Depth	250 mm

Environment

Standards	IEC 61439-2 IEC 61439-1 IEC 61921
Mounting location	Indoor
IP degree of protection	Environment: IP31
IK degree of protection	IK10
Relative humidity	0...95 %
Operating altitude	<= 2000 m

Ambient air temperature for operation	-5...40 °C
Average ambient air temperature for operation	35 °C (annual) 45 °C (over 24 hours)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
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