

Product data sheet

Specifications



Capacitor Bank VarSet Easy 500K Auto

VLVAF5L500A40B

Main

Network rated voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive power rating	500 kvar
Operating mode	Automatic
Range	VarSet
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 of voltage	0...3 %
Power per step	50 kvar
Step composition	10x50
Location of connection	Bottom
Controller type	Varplus Logic VPL12 Modbus
Capacitor technology	EasyCan
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	Battery: 1.36 x In at 400 V conforming to IEC 61439-2 Battery: 1.19 x In at 415 V conforming to IEC 61439-2 Capacitor: 1.5 x In at 480 V conforming to IEC 60831
Main incomer protection	Without protection
[Icw] rated short-time withstand current	30 kA at 1 s (Icw)
Step protection type	Overload: harmonic control from VarPlus Logic Short-circuit: upstream protection
Accessibility for operation	Front

Colour	Grey (RAL 7035)
Maximum weight	340 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 61439-2 IEC 61921 IEC 61439-1
Product certifications	ASEFA EAC CE
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...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 Weight	279.0 kg
Package 1 Height	80 cm
Package 1 width	120 cm
Package 1 Length	231 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
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