



Main

Network rated voltage	400 V - AC at 50 Hz 415 V - AC at 50 Hz
Reactive power rating	100 kvar
Operating mode	Fixed
Range of product	VarSet
Device short name	VarSet fixed with detuned reactors

Complementary

Network pollution level	Polluted
[Gh/Sn] harmonic pollution rate	25...50 %
[THDU] total harmonic distortion	5...8 %
Tuning factor	2.7
Tuning frequency	135 Hz
Capacitor technology	HDuty + detuned reactors
Step protection type	Overload: step circuit breaker Short-circuit: step circuit breaker
Poles description	3P
Capacitance tolerance	- 5 % to 10 %
[Ui] rated insulation voltage	690 V
[Uimp] rated impulse withstand voltage	2.5 kV
Maximum permissible voltage	1.1 x Un (8 hours over 24 hours) conforming to IEC 60831
[Imp] maximum permanent current	1.8 x In at 400 V conforming to IEC 60831
Colour	RAL 9003 (white)
Location of connection	Top or bottom
Maximum weight	319 kg
Height	1200 mm
Width	Capacitor : 800 mm Detuned reactor : 800 mm
Depth	300 mm

Environment

Standards	IEC 61439-1
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IEC 61921
IEC 61439-2

Mounting location	Indoor
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	Over 24 hours : 35 °C

Contractual warranty

Warranty period	18 months
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