

Main

Network rated voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive power rating	450 Kvar
Operating mode	Automatic
Range of product	VarSet
Device short name	VarSet automatic with detuned reactors

Complementary

Network pollution level	Polluted
[Gh/Sn] harmonic pollution rate	25...50 %
[THDU] total harmonic distortion	4...7 %
Tuning factor	4.2
Tuning frequency	210 Hz
Step sequences	1.2.2
Power per step	50 Kvar
Step composition	50 + 4x100
Series name	VarplusCan + detuned reactors
Step protection type	Overload: harmonic control from VarPlus Logic Short-circuit: fuse
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	1.31 x In at 400 V for 4.2 (tuning factor) conforming to IEC 60831
Colour	Grey (RAL 7035)
Location of connection	Top
Net weight	952 Kg
Height	2200 Mm
Width	800 Mm capacitor:
Depth	600 Mm

Environment

Standards	IEC 61921 IEC 61439-1 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...45 °C
Average ambient air temperature for operation	35 °C (annual) 45 °C (over 24 hours)

Product Life Status : **Commercialised**