



Main

Range of product	AccuSine
Product name	AccuSine PFV+
Product or component type	Electronic VAR controller

Complementary

Poles description	3P
Wiring mode	3 or 4 wires
Network rated voltage	208...240 V AC
Network frequency	50/60 Hz auto-sensing (+/- 3 %)
Maximum permissible voltage	1.1 x Un
[THDU] total harmonic distortion	8 %
Nominal output current	120 A
Reactive power rating	50 kvar at 240 V AC (highest nominal voltage) at 50/60 Hz
Operating mode	Power factor correction Mains current balancing Volt-var support
Mounting location	Indoor
Enclosure mounting	Floor-standing
Protection type	Circuit breaker protection
Control type	Door-interlocked with rotary handle
Breaking capacity	200 kA
Function available	Rear plenum with forced ventilation for high heat flow
Electromagnetic compatibility	Conducted EMC class A conforming to EN 61000-6-4
Accessibility for operation	Front
Location of connection	Top or bottom

Environment

IP degree of protection	IP54
Environmental characteristic	Operating : 3C2 conforming to IEC 60721-3-3 Operating : 3S2 conforming to IEC 60721-3-3 Storage : 3C3 conforming to IEC 60721-3-3 Storage : 3S3 conforming to IEC 60721-3-3

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Operating altitude	<= 1000 m (derate : 1 % per 100 m above 1000 m)
Ambient air temperature for operation	0...50 °C maximum : with current derating of 2 % per °C over 40°C 0...40 °C
Relative humidity	0...95 %
Impregnation material	Conformal coated
Standards	EN 60439-1 EN 61000-6-4 UL 508 CSA C22.2 No 14 UL 60947-1 CSA C22.2 No 60947-1-07
Product certifications	ABS CE cULus RCM
Ambient air temperature for storage	-20...60 °C
Height	2100 mm
Width	800 mm
Depth	500 mm
Colour	Light grey (RAL 7035)