Product data sheet
Characteristics

EVCP060D5IP31
Electronic VAR control - 60 A 380..480 V AC - IP31 enclosure

Green Premium™ Product

Main

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

Complementary

Network type	3P
Network configuration	3 or 4 wires
Network rated voltage	380…480 V AC
Network frequency	50/60 Hz +/- 3 % auto-sensing
Maximum permissible voltage	1.1 x Un
RMS output current rating	60 A
Reactive power rating	50 kvar 480 V AC 50/60 Hz
Operating mode	Mains current balancing Power factor correction Volt-var support
Installation location	Indoor
Enclosure mounting	Floor-standing
Protection type	Circuit breaker protection
Disconnect type	Door-interlocked with rotary handle
Interrupt capacity	200 kA
Heat dissipation	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

Enclosure degree of protection	IP31
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
Operating altitude	<= 1000 m 1 % per 100 m
Ambient air temperature for operation	0…40 °C 0…50 °C maximum with current derating of 2 % per °C
Relative humidity	0…95 %
PCBA protection	Conformal coated
Standards	CSA C22.2 No 14 CSA C22.2 No 60947-1-07 UL 60947-1 EN 61000-6-4 EN 60439-1 UL 508

Product certifications	CE RCM CULus ABS
Ambient air temperature for storage	-20…60 °C
Net weight	234 kg
Height	2100 mm
Width	800 mm
Depth	500 mm
Colour	Light grey (RAL 7035)

Packing Units

Package 1 Weight	362.000 kg
Package 1 Height	2.331 m
Package 1 width	1.194 m
Package 1 Length	1.194 m

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
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

Contractual warranty

Warranty	18 months