

# Product datasheet

Specifications



## Electronic VAR control - 300 A 380..480 V AC - IP31 enclosure

EVCP300D5IP31

EAN Code: 3606480851612

### 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	300 A
Reactive power rating	249 kvar 480 V AC 50/60 Hz
Operating mode	Mains current balancing Volt-var support Power factor correction
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

<b>Relative humidity</b>	0...95 %
<b>PCBA protection</b>	Conformal coated
<b>Standards</b>	EN 60439-1 CSA C22.2 No 60947-1-07 EN 61000-6-4 UL 60947-1 UL 508 CSA C22.2 No 14
<b>Product certifications</b>	ABS CE RCM cULus
<b>Ambient air temperature for storage</b>	-20...60 °C
<b>Net weight</b>	400 kg
<b>Height</b>	2100 mm
<b>Width</b>	900 mm
<b>Depth</b>	600 mm
<b>Colour</b>	Light grey (RAL 7035)

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	227.000 cm
<b>Package 1 Width</b>	106.000 cm
<b>Package 1 Length</b>	120.000 cm
<b>Package 1 Weight</b>	519.999 kg

## Logistical informations

<b>Country of origin</b>	IN
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## Contractual warranty

<b>Warranty</b>	18 months
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging without single use plastic

No

[EU RoHS Directive](#)

Compliant with Exemptions

SCIP Number

41f8a5bd-7758-4f6b-8e3f-271055f150ec

REACH Regulation

[REACH Declaration](#)

## Use Again

### Repack and remanufacture


Circularity Profile

[End of Life Information](#)

Take-back

No

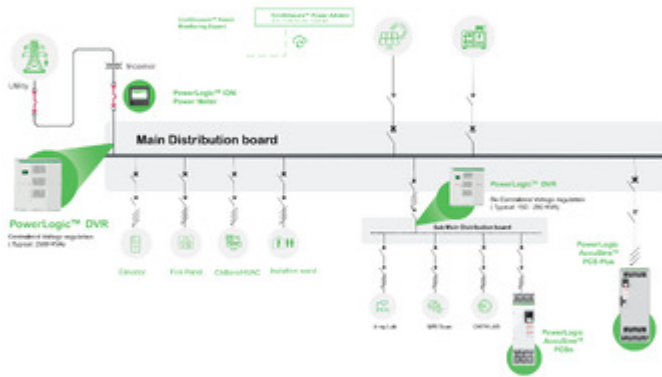
WEEE

 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Technical Illustration

Wiring diagram

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Technical Illustration

Assembly's dimensions

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