# Product data sheet

Specifications

## Sinus filter - 115 A - for Altivar Process variable speed drives

VW3A5219

## Main

| | |
|---|---|
| **Product Or Component Type** | Sinus filter |
| **Range Compatibility** | Altivar Process ATV600<br>Altivar Process ATV900 |
| **Product Specific Application** | Output filter |
| **[In] Rated Current** | 115 A |
| **Thermal Losses** | 850 W, 115 °C |
| **Product Compatibility** | ATV630 variable speed drive wall mount - 75 kW, 500...690 V three phase<br>ATV630 variable speed drive wall mount - 90 kW, 500...690 V three phase<br>ATV930 variable speed drive wall mount - 75 kW, 500...690 V three phase<br>ATV930 variable speed drive wall mount - 90 kW, 500...690 V three phase<br>ATV630 variable speed drive wall mount, 100 hp, 600 V three phase<br>ATV930 variable speed drive wall mount, 100 hp, 600 V three phase |
| **Switching Frequency** | 2 kHz |
| **Maximum Output Frequency** | 70 Hz |
| **Maximum Permissible Voltage** | 690 V AC |

## Complementary

| | |
|---|---|
| **Electrical Connection** | Terminal |
| **Max Current** | 1.5 x nominal current (duration = 60 s) |
| **Net Weight** | 106 kg |

## Environment

| | |
|---|---|
| **Ip Degree Of Protection** | IP00 |
| **Pollution Degree** | 2 conforming to EN 50178 |
| **Vibration Resistance** | 1 gn (f= 13…200 Hz) conforming to IEC 60068-2<br>1.5 mm peak to peak (f= 3…13 Hz) conforming to IEC 60068-2 |
| **Shock Resistance** | 15 gn for 11 ms conforming to IEC 60068-2-27 |
| **Relative Humidity** | 0…95 % |
| **Ambient Air Temperature For Operation** | -10…45 °C |
| **Ambient Air Temperature For Storage** | -40…65 °C |
| **Operating Altitude** | <= 1000 m without current derating<br>1000...3000 m with current derating 1 % per 100 m |
| **Standards** | UL 508 |

## Packing Units

| | |
|---|---|
| **Unit Type Of Package 1** | PCE |

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| | |
|---|---|
| **Number Of Units In Package 1** | 1 |
| **Package 1 Height** | 75.0 cm |
| **Package 1 Width** | 61.6 cm |
| **Package 1 Length** | 71.6 cm |
| **Package 1 Weight** | 140.0 kg |

# Sustainability

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium 〉
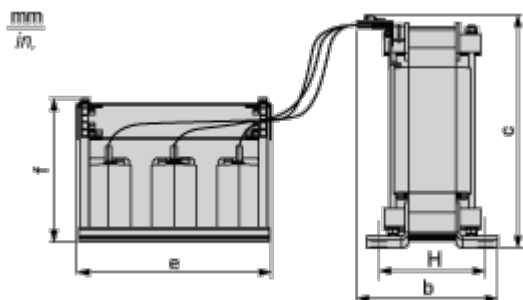
Guide to assess a product's sustainability 〉

## Well-being performance

✓  Reach Free Of Svhc

✓  Rohs Exemption Information          Yes

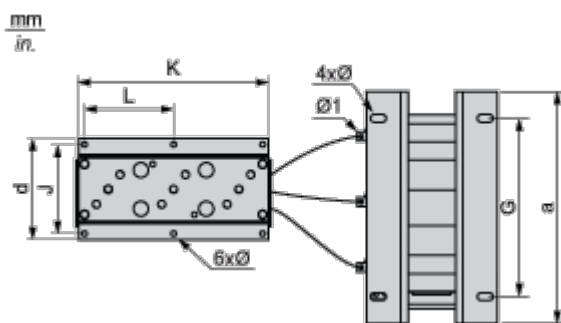| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Pro-active compliance (Product out of EU RoHS legal scope) |
| | EU RoHS Declaration |
| **China Rohs Regulation** | China RoHS declaration |

## Dimensions Drawings

**Dimensions**

**Front View**

**Top View**

**Dimensions in mm**

| a | b | c | G | H | 4Ø | Ø1 | d | e | f | J | K | L | 6Ø |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 465 | 275 | 425 | 430 | 180 | 13 x 27 | 9 | 170 | 240 | 330 | 150 | 300 | 150 | 9 |

**Dimensions in in.**

| a | b | c | G | H | 4Ø | Ø1 | d | e | f | J | K | L | 6Ø |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18.30 | 10.83 | 16.73 | 16.93 | 7.09 | 0.51 x 1.06 | 0.35 | 6.69 | 9.45 | 12.99 | 5.91 | 11.81 | 5.91 | 0.35 |

Mounting and Clearance

**Mounting Recommendations**

# VW3A5219
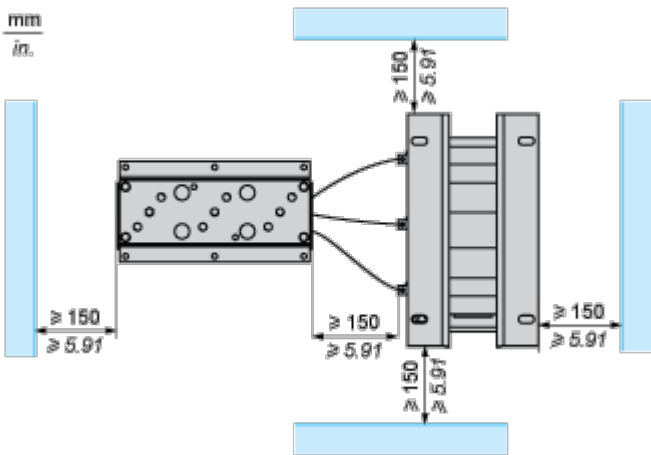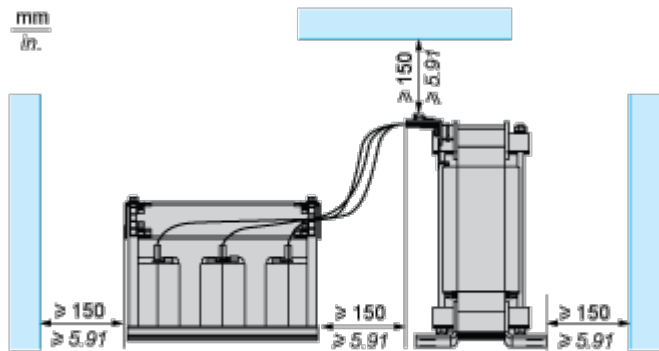
## Connections and Schema

**Recommended Schema**



(1)   Drive

(2)   Filter