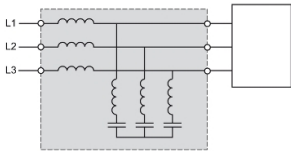


# Product datasheet

Specifications



passive filter, Altivar, 101A, 400V,  
for variable speed drive

VW3A4628

⚠ Discontinued on: 23 Jan 2021

⚠ Discontinued

## Main

|                              |                                |
|------------------------------|--------------------------------|
| Product or component type    | Passive filter                 |
| Product specific application | Reduction of current harmonics |

## Complementary

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range compatibility         | Altivar 61<br>Altivar 71                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| [Us] rated supply voltage   | 400 V +/- 10 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| power supply frequency      | 50 Hz +/- 5 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Quantity per drive          | 1 filter per drive for ATV61HD45N4<br>1 filter per drive for ATV61HD55N4<br>1 filter per drive for ATV61WD45N4<br>1 filter per drive for ATV61WD45N4C<br>1 filter per drive for ATV61WD55N4<br>1 filter per drive for ATV61WD55N4C<br>1 filter per drive for ATV71HD45N4<br>1 filter per drive for ATV71HD55N4<br>1 filter per drive for ATV71WD45N4<br>1 filter per drive for ATV71WD55N4                                                                                                                     |
| [In] rated current          | 101 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Network number of phases    | 3 phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| THDI                        | 10 % for ATV61HD45N4 ATV61H motor: 45 kW/60 hp<br>10 % for ATV61HD55N4 ATV61H motor: 55 kW/75 hp<br>10 % for ATV71HD45N4 ATV71H motor: 45 kW/60 hp<br>10 % for ATV71HD55N4 ATV71H motor: 55 kW/75 hp<br>10 % for ATV71WD45N4 ATV71W motor: 45 kW/60 hp<br>10 % for ATV71WD55N4 ATV71W motor: 55 kW/75 hp<br>5 % for ATV61WD45N4 ATV61W motor: 45 kW/60 hp<br>5 % for ATV61WD45N4C ATV61W motor: 45 kW/60 hp<br>5 % for ATV61WD55N4 ATV61W motor: 55 kW/75 hp<br>5 % for ATV61WD55N4C ATV61W motor: 55 kW/75 hp |
| Max current                 | 1.5 x nominal current                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Efficiency                  | 98 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Cos phi                     | 1 (150 % of line current)<br>0.85 (75 % of line current)<br>0.99 (100 % of line current)                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Electrical connection       | bare wires diameter: 12.5 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Electrical insulation class | Class F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Net weight                  | 150 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## Environment

|                         |      |
|-------------------------|------|
| IP degree of protection | IP20 |
|-------------------------|------|

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

|                                       |                                                                                            |
|---------------------------------------|--------------------------------------------------------------------------------------------|
| Relative humidity                     | 5...85 % without condensation                                                              |
| Ambient air temperature for operation | 40...55 °C (with current derating 3 % per °C)<br>5...40 °C (without current derating)      |
| Ambient air temperature for storage   | -25...55 °C                                                                                |
| Operating altitude                    | <= 1000 m without current derating<br>> 1000...4000 m with current derating 5 % per 1000 m |

## Packing Units

|                              |     |
|------------------------------|-----|
| Unit Type of Package 1       | PCE |
| Number of Units in Package 1 | 1   |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## 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 >](#)

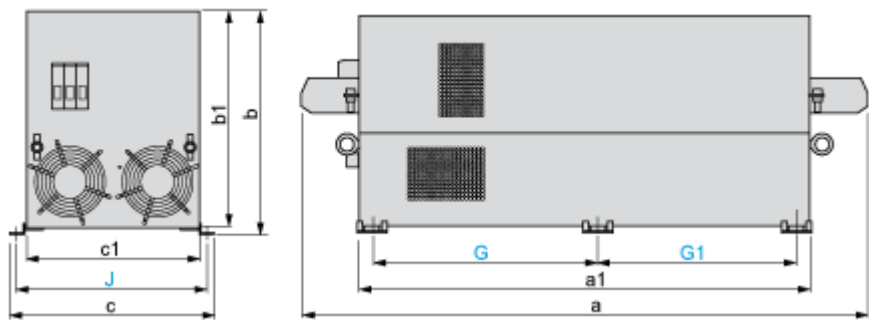
[How we assess product sustainability >](#)

### Use Longer

| Lifetime extension |    |
|--------------------|----|
| Repair             | No |

Dimensions Drawings

Dimensions



Dimensions in mm

| a    | a1  | b   | b1  | c   | c1  | G   | G1  | J   |
|------|-----|-----|-----|-----|-----|-----|-----|-----|
| 1060 | 830 | 400 | 390 | 393 | 345 | 395 | 377 | 370 |

Dimensions in in.

| a     | a1    | b     | b1    | c     | c1    | G     | G1    | J     |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 41.73 | 32.68 | 15.74 | 15.35 | 15.47 | 13.58 | 15.55 | 14.84 | 14.57 |

Mounting and Clearance

Mounting Recommendations

Horizontal or Vertical Mounting

