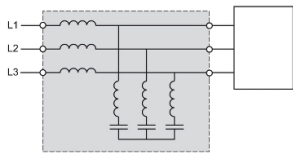


# Product datasheet

Specifications



passive filter, Altivar, 370A, 400V,  
50Hz, for variable speed drive

VW3A4613

 **Discontinued on:** 23 Jan 2021

 **Discontinued**

## Main

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

## Complementary

|                             |                                                                                                                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range compatibility         | Altivar 71<br>Altivar 61                                                                                                                                                                                     |
| [Us] rated supply voltage   | 400 V +/- 10 %                                                                                                                                                                                               |
| power supply frequency      | 50 Hz +/- 5 %                                                                                                                                                                                                |
| Quantity per drive          | 1 filter per drive for ATV61HC22N4<br>1 filter per drive for ATV71HC20N4<br>1 filter per drive for ATV71HC25N4<br>3 filters per drive for ATV61HC63N4                                                        |
| [In] rated current          | 370 A                                                                                                                                                                                                        |
| Network number of phases    | 3 phases                                                                                                                                                                                                     |
| THDI                        | 10 % for ATV71HC25N4 ATV71H motor: 250 kW/400 hp<br>10 % for ATV61HC22N4 ATV61H motor: 220 kW/350 hp<br>10 % for ATV61HC63N4 ATV61H motor: 560 kW/800 hp<br>10 % for ATV71HC20N4 ATV71H motor: 200 kW/300 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: 16.5 mm                                                                                                                                                                                 |
| Electrical insulation class | Class F                                                                                                                                                                                                      |
| Net weight                  | 155 kg                                                                                                                                                                                                       |

## Environment

|                                       |                                                                                       |
|---------------------------------------|---------------------------------------------------------------------------------------|
| IP degree of protection               | IP20                                                                                  |
| 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...4000 m with current derating 5 % per 1000 m                                  |

## Packing Units

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

|                              |     |
|------------------------------|-----|
| 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 >](#)

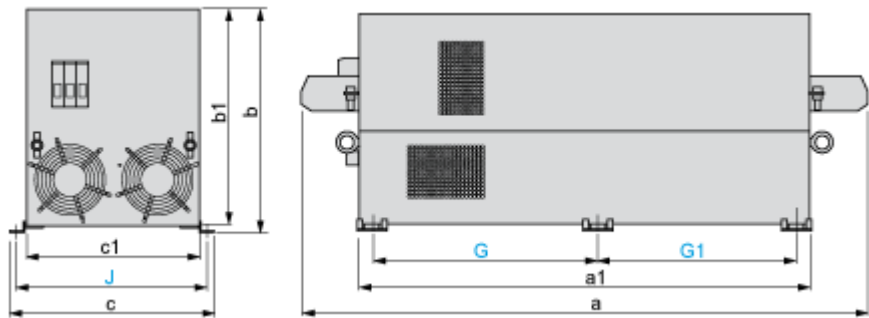
[How we assess product sustainability >](#)

### Use Longer

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

Dimensions Drawings

Dimensions



Dimensions in mm

| a    | a1   | b   | b1  | c   | c1  | G   | G1  | J   |
|------|------|-----|-----|-----|-----|-----|-----|-----|
| 1330 | 1070 | 419 | 409 | 454 | 406 | 515 | 497 | 430 |

Dimensions in in.

| a     | a1    | b     | b1    | c     | c1    | G     | G1    | J     |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 52.36 | 42.12 | 16.50 | 16.10 | 17.87 | 15.98 | 20.27 | 19.57 | 16.93 |

Mounting and Clearance

Mounting Recommendations

Horizontal or Vertical Mounting

