



## Product data sheet

### Characteristics

## VW3A4657

passive filter, Altivar, 325A, 460V, 60Hz, for variable speed drive

EAN Code: 3389119205368

### 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   | 480 V +/- 10 %   |
| Power supply frequency      | 60 Hz +/- 5 %  |
| Quantity per drive          | 2 filters per drive for ATV61HC40N4<br>2 filters per drive for ATV71HC40N4<br>3 filters per drive for ATV61HC63N4                                  |
| [In] rated current          | 325 A  |
| Network number of phases    | 3 phases   |
| THDI                        | 10 % for ATV61HC40N4 ATV61H motor: 355 kW[RETURN]10 % for ATV71HC40N4 ATV71H motor: 355 kW[RETURN]10 % for ATV61HC63N4 ATV61H motor: 560 kW/800 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                  | 165 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 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 | 18 months |
|----------|-----------|