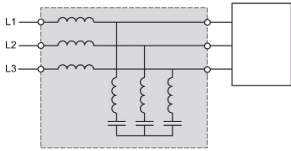


Product data sheet

Specifications



passive filter, Altivar, 101A, 460V, 60Hz, for variable speed drive

VW3A4668

 End-of-service on: Nov 24, 2021

 Discontinued

Main

| | |
|------------------------------|--------------------------------|
| Product Or Component Type | Passive filter |
| Product Specific Application | Reduction of current harmonics |

Complementary

| | |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range Compatibility | Altivar 61 Altivar 71 |
| [Us] Rated Supply Voltage | 480 V +/- 10 % |
| Power Supply Frequency | 60 Hz +/- 5 % |
| Quantity Per Drive | 1 filter per drive for ATV61HD45N4 1 filter per drive for ATV61HD55N4 1 filter per drive for ATV61WD45N4 1 filter per drive for ATV61WD45N4C 1 filter per drive for ATV61WD55N4 1 filter per drive for ATV61WD55N4C 1 filter per drive for ATV71HD45N4 1 filter per drive for ATV71HD55N4 1 filter per drive for ATV71WD45N4 1 filter per drive for ATV71WD55N4 1 filter per drive for ATV61HD75N4 1 filter per drive for ATV61WD75N4 1 filter per drive for ATV61WD75N4C 1 filter per drive for ATV71HD75N4 1 filter per drive for ATV71WD75N4 |
| [In] Rated Current | 72 A |
| Network Number Of Phases | 3 phases |
| Thdi | 10 % for ATV61HD45N4 ATV61H motor: 45 kW/60 hp 10 % for ATV61HD55N4 ATV61H motor: 55 kW/75 hp 10 % for ATV71HD45N4 ATV71H motor: 45 kW/60 hp 10 % for ATV71HD55N4 ATV71H motor: 55 kW/75 hp 10 % for ATV71WD45N4 ATV71W motor: 45 kW/60 hp 10 % for ATV71WD55N4 ATV71W motor: 55 kW/75 hp 5 % for ATV61WD45N4 ATV61W motor: 45 kW/60 hp 5 % for ATV61WD45N4C ATV61W motor: 45 kW/60 hp 5 % for ATV61WD55N4 ATV61W motor: 55 kW/75 hp 5 % for ATV61WD55N4C ATV61W motor: 55 kW/75 hp 10 % for ATV61HD75N4 ATV61H motor: 75 kW/100 hp 10 % for ATV71HD75N4 ATV71H motor: 75 kW/100 hp 10 % for ATV71WD75N4 ATV71W motor: 75 kW/100 hp 5 % for ATV61WD75N4 ATV61W motor: 75 kW/100 hp 5 % for ATV61WD75N4C ATV61W motor: 75 kW/100 hp |
| Max Current | 1.5 x nominal current |
| Efficiency | 98 % |
| Cos Phi | 1 (150 % of line current) 0.85 (75 % of line current) 0.99 (100 % of line current) |

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

| | |
|-----------------------------|------------------------------|
| Electrical Connection | bare wires diameter: 12.5 mm |
| Electrical Insulation Class | Class F |
| Net Weight | 98 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) 5...40 °C (without current derating) |
| Ambient Air Temperature For Storage | -25...55 °C |
| Operating Altitude | <= 1000 m without current derating > 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 |
|----------|-----------|