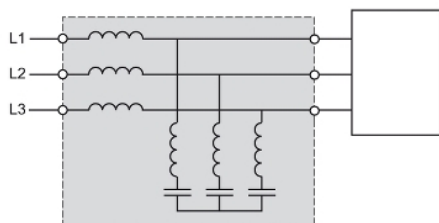


Product data sheet

Characteristics

VW3A4643

passive filter - 19 A - 460 V - for variable speed drive



Main

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

Complementary

| | |
|-----------------------------|--|
| Range compatibility | Altivar 71 Altivar 61 |
| [Us] rated supply voltage | 480 V +/- 10 % |
| Power supply frequency | 60 Hz +/- 5 % |
| Quantity per drive | 1 filter per drive for ATV61HD11N4 1 filter per drive for ATV61HU75N4 1 filter per drive for ATV61WD11N4 1 filter per drive for ATV61WD11N4C 1 filter per drive for ATV61WU75N4 1 filter per drive for ATV61WU75N4C 1 filter per drive for ATV71HD11N4 1 filter per drive for ATV71HU75N4 1 filter per drive for ATV71PD11N4Z 1 filter per drive for ATV71PU75N4Z 1 filter per drive for ATV71WD11N4 1 filter per drive for ATV71WU75N4 |
| [In] rated current | 19 A |
| Network number of phases | 3 phases |
| THDI | 10 % for ATV61WD11N4 ATV61W motor: 11 kW/15 hp 10 % for ATV61WD11N4C ATV61W motor: 11 kW/15 hp 10 % for ATV61WU75N4 ATV61W motor: 7.5 kW/10 hp 10 % for ATV61WU75N4C ATV61W motor: 7.5 kW/10 hp 16 % for ATV61HD11N4 ATV61H motor: 11 kW/15 hp 16 % for ATV61HU75N4 ATV61H motor: 7.5 kW/10 hp 16 % for ATV71HD11N4 ATV71H motor: 11 kW/15 hp 16 % for ATV71HU75N4 ATV71H motor: 7.5 kW/10 hp 16 % for ATV71PD11N4Z ATV71P motor: 11 kW/15 hp 16 % for ATV71PU75N4Z ATV71P motor: 7.5 kW/10 hp 16 % for ATV71WD11N4 ATV71W motor: 11 kW/15 hp 16 % for ATV71WU75N4 ATV71W motor: 7.5 kW/10 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) |
| Electrical connection | Terminal, connection capacity: 16 mm ² |
| Electrical insulation class | Class F |
| Net weight | 23 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 |
|----------|-----------|