



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 (tolerance: +/- 5 %)
Quantity per drive	1 filter per drive for ATV71WU30N4 1 filter per drive for ATV71WU22N4 1 filter per drive for ATV71WU15N4 1 filter per drive for ATV71W075N4 1 filter per drive for ATV71PU30N4Z 1 filter per drive for ATV71PU22N4Z 1 filter per drive for ATV71PU15N4Z 1 filter per drive for ATV71P075N4Z 1 filter per drive for ATV71HU30N4 1 filter per drive for ATV71HU22N4 1 filter per drive for ATV71HU15N4 1 filter per drive for ATV71H075N4 1 filter per drive for ATV61WU30N4C 1 filter per drive for ATV61WU30N4 1 filter per drive for ATV61WU22N4C 1 filter per drive for ATV61WU22N4 1 filter per drive for ATV61WU15N4C 1 filter per drive for ATV61WU15N4 1 filter per drive for ATV61W075N4C 1 filter per drive for ATV61W075N4 1 filter per drive for ATV61HU30N4 1 filter per drive for ATV61HU22N4 1 filter per drive for ATV61HU15N4 1 filter per drive for ATV61H075N4
[In] rated current	6 A
Network number of phases	3 phases

THDI	16 % for ATV71WU30N4 ATV71W motor: 3 kW 16 % for ATV71WU22N4 ATV71W motor: 2.2 kW / 3 hp 16 % for ATV71WU15N4 ATV71W motor: 1.5 kW / 2 hp 16 % for ATV71W075N4 ATV71W motor: 0.75 kW / 1 hp 16 % for ATV71PU30N4Z ATV71P motor: 3 kW 16 % for ATV71PU22N4Z ATV71P motor: 2.2 kW / 3 hp 16 % for ATV71PU15N4Z ATV71P motor: 1.5 kW / 2 hp 16 % for ATV71P075N4Z ATV71P motor: 0.75 kW / 1 hp 16 % for ATV71HU30N4 ATV71H motor: 3 kW 16 % for ATV71HU22N4 ATV71H motor: 2.2 kW / 3 hp 16 % for ATV71HU15N4 ATV71H motor: 1.5 kW / 2 hp 16 % for ATV71H075N4 ATV71H motor: 0.75 kW / 1 hp 16 % for ATV61HU30N4 ATV61H motor: 3 kW 16 % for ATV61HU22N4 ATV61H motor: 2.2 kW / 3 hp 16 % for ATV61HU15N4 ATV61H motor: 1.5 kW / 2 hp 16 % for ATV61H075N4 ATV61H motor: 0.75 kW / 1 hp 10 % for ATV61WU30N4C ATV61W motor: 3 kW 10 % for ATV61WU30N4 ATV61W motor: 3 kW 10 % for ATV61WU22N4C ATV61W motor: 2.2 kW / 3 hp 10 % for ATV61WU22N4 ATV61W motor: 2.2 kW / 3 hp 10 % for ATV61WU15N4C ATV61W motor: 1.5 kW / 2 hp 10 % for ATV61WU15N4 ATV61W motor: 1.5 kW / 2 hp 10 % for ATV61W075N4C ATV61W motor: 0.75 kW / 1 hp 10 % for ATV61W075N4 ATV61W motor: 0.75 kW / 1 hp
Max current	1.5 x nominal current
Efficiency	98 %
Cos phi	0.99 at 100 % of line current 0.85 at 75 % of line current 1 at 150 % of line current
Electrical connection	Terminal, connection capacity: 16 mm ²
Electrical insulation class	Class F
Product weight	15 kg

Environment

IP degree of protection	IP20
Relative humidity	5...85 % without condensation
Ambient air temperature for operation	5...40 °C without current derating > 40...55 °C with current derating 3 % per °C
Ambient air temperature for storage	> -25...55 °C
Operating altitude	> 1000...4000 m with current derating 5 % per 1000 m <= 1000 m without current derating