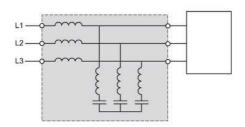
Product data sheet Characteristics

VW3A4641

passive filter - 6 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 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 ATV71PU75N4Z ATV71P motor: 0.75 kW / 1 hp 16 % for ATV71HU30N4 ATV71H motor: 3 kW 16 % for ATV71HU30N4 ATV71H motor: 3 kW 16 % for ATV71HU22N4 ATV71H motor: 2.2 kW / 3 hp 16 % for ATV71HU15N4 ATV71H motor: 0.75 kW / 1 hp 16 % for ATV71HU75N4 ATV71H motor: 0.75 kW / 1 hp 16 % for ATV61HU30N4 ATV61H motor: 3 kW 16 % for ATV61HU30N4 ATV61H motor: 3 kW 16 % for ATV61HU15N4 ATV61H motor: 2.2 kW / 3 hp 16 % for ATV61HU15N4 ATV61H motor: 0.75 kW / 1 hp 10 % for ATV61WU30N4C ATV61W motor: 3 kW 10 % for ATV61WU30N4C ATV61W motor: 2.2 kW / 3 hp 10 % for ATV61WU30N4 ATV61W motor: 2.2 kW / 3 hp 10 % for ATV61WU22N4C ATV61W motor: 2.2 kW / 3 hp 10 % for ATV61WU32N4C ATV61W motor: 2.2 kW / 3 hp 10 % for ATV61WU32N4C ATV61W motor: 1.5 kW / 2 hp 10 % for ATV61WU35N4C ATV61W motor: 1.5 kW / 2 hp 10 % for ATV61WU5N4C ATV61W motor: 1.5 kW / 2 hp 10 % for ATV61WU5N4C ATV61W motor: 1.5 kW / 2 hp 10 % for ATV61WU5N4C 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 mm²
Electrical insulation class	Class F
Product weight	15 kg
Environment	
IP degree of protection	IP20
Relative humidity	585 % without condensation
Ambient air temperature for operation	540 °C without current derating > 4055 °C with current derating 3 % per °C
Ambient air temperature for storage	> -2555 °C

