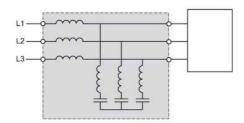
Product data sheet Characteristics

VW3A4645

passive filter - 35 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 ATV71WD22N4	
	1 filter per drive for ATV71HD22N4	
	1 filter per drive for ATV61WD22N4C	
	1 filter per drive for ATV61WD22N4	
	1 filter per drive for ATV61HD22N4	
	1 filter per drive for ATV71WD18N4	
	1 filter per drive for ATV71HD18N4	
	1 filter per drive for ATV61WD18N4C	
	1 filter per drive for ATV61WD18N4	
	1 filter per drive for ATV61HD18N4	
[In] rated current	35 A	
Network number of phases	3 phases	
THDI	16 % for ATV71WD22N4 ATV71W motor: 22 kW / 30 hp	
	16 % for ATV71HD22N4 ATV71H motor: 22 kW / 30 hp	
	16 % for ATV61HD22N4 ATV61H motor: 22 kW / 30 hp	
	10 % for ATV61WD22N4C ATV61W motor: 22 kW / 30 hp	
	10 % for ATV61WD22N4 ATV61W motor: 22 kW / 30 hp	
	16 % for ATV71WD18N4 ATV71W motor: 18.5 kW / 25 hp	
	16 % for ATV71HD18N4 ATV71H motor: 18.5 kW / 25 hp	
	16 % for ATV61HD18N4 ATV61H motor: 18.5 kW / 25 hp	
	10 % for ATV61WD18N4C ATV61W motor: 18.5 kW / 25 hp	
	10 % for ATV61WD18N4 ATV61W motor: 18.5 kW / 25 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: 50 mm²	
Electrical insulation class	Class F	
Product weight	42 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
Operating altitude	> 10004000 m with current derating 5 % per 1000 m <= 1000 m without current derating

