

Product data sheet

Characteristics

VW3A46162

passive filter - 26 A - 460 V - 60 Hz - for variable speed drive



Main

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

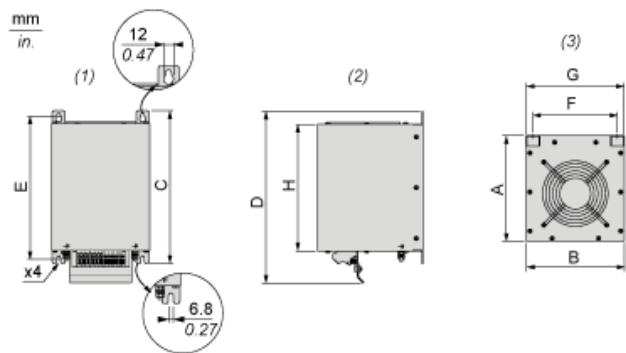
Complementary

Range compatibility	Altivar 61 Altivar 71 Altivar Process ATV600 Altivar Process ATV900
[Us] rated supply voltage	480 V (+/- 10 %)
Power supply frequency	60 Hz (tolerance: +/- 2 %)
Quantity per drive	1 filter per drive for variable speed drive ATV930 wall mount, motor: 15 kW / 20 hp 1 filter per drive for variable speed drive ATV950 wall mount, motor: 15 kW / 20 hp 1 filter per drive for variable speed drive ATV630 wall mount, motor: 15 kW / 20 hp 1 filter per drive for variable speed drive ATV650 wall mount, motor: 15 kW / 20 hp 1 filter per drive for variable speed drive ATV71W motor: 15 kW / 20 hp 1 filter per drive for variable speed drive ATV71H motor: 15 kW / 20 hp 1 filter per drive for variable speed drive ATV61H motor: 15 kW / 20 hp 1 filter per drive for variable speed drive ATV61W motor: 15 kW / 20 hp
[In] rated current	26 A for output 25 A for input
Network number of phases	3 phases
THDI	5 % for variable speed drive ATV930 motor: 15 kW / 20 hp 5 % for variable speed drive ATV950 motor: 15 kW / 20 hp 5 % for variable speed drive ATV630 motor: 15 kW / 20 hp 5 % for variable speed drive ATV650 motor: 15 kW / 20 hp 5 % for variable speed drive ATV61W motor: 15 kW / 20 hp 10 % for variable speed drive ATV71W motor: 15 kW / 20 hp 10 % for variable speed drive ATV71H motor: 15 kW / 20 hp 10 % for variable speed drive ATV61H motor: 15 kW / 20 hp
Max current	1.5 x nominal current (duration = 60 s)
Efficiency	<= 98 %
Thermal losses	298 W
Cos phi	0.99 at 100 % of line current 0.85 at 75 % of line current 1 at 150 % of line current
Electrical connection	A, B terminal, connection capacity: 2.5 mm ² X1-1...X2-3 terminal, connection capacity: 0.5...10 mm ²
Electrical insulation class	Class F
Product weight	34 kg

Environment

IP degree of protection	IP55 (enclosure mounting) IP20
Vibration resistance	0.7 gn (f = 13.2...150 Hz) conforming to EN 60068-2-6 2 mm peak to peak (f = 5...13.2 Hz) conforming to EN 60068-2-6
Relative humidity	5...85 % without condensation
Ambient air temperature for operation	5...45 °C without current derating > 45...60 °C with current derating 3 % per °C
Ambient air temperature for storage	> -25...65 °C during transport > -25...55 °C storage in original packaging
Operating altitude	> 1000...4000 m with current derating 5 % per 1000 m <= 1000 m without current derating
Standards	EN/IEC 61000-3-2 EN/IEC 61000-3-12 EN/IEC 61000-3-4 EN/IEC 61000-2-2 EN/IEC 61000-2-4 G5/4 engineering recommendation

Dimensions



(1) Front view
(2) Right side view
(3) Top view

Dimensions in mm

A	B	C	D	E	F	G	H
247.5	232	399.55	436.11	380	205	230	350

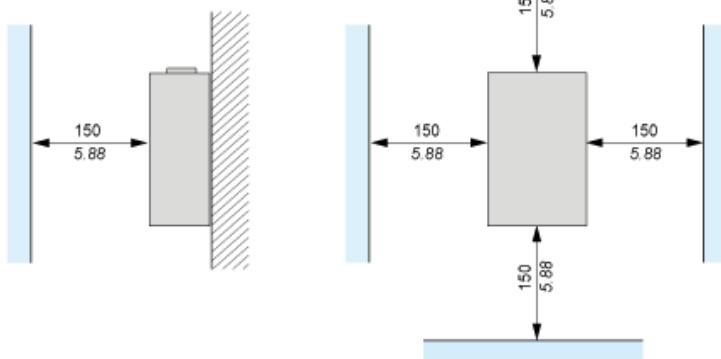
Dimensions in in.

A	B	C	D	E	F	G	H
9.74	9.13	15.73	17.17	14.96	8.07	9.06	13.78

Mounting Recommendations

Vertical Mounting Only

mm
in.



Recommended Schema

