

passive filter - 14 A - 460 V - 60 Hz - for variable speed drive

VW3A46160

Passive filter

EAN Code: 3606480652585

Main

Product or component type

	1 dosive inter
Product specific application	Reduction of current harmonics
Complementary	
Range compatibility	Altivar 61
	Altivar Process ATV900
	Altivar Process ATV600
	Altivar 71
[Us] rated supply voltage	480 V +/- 10 %
power supply frequency	60 Hz +/- 2 %
Quantity per drive	1 filter per drive for variable speed drive ATV61W motor: 7.5 kW/10 hp
	1 filter per drive for variable speed drive ATV61H motor: 7.5 kW/10 hp
	1 filter per drive for variable speed drive ATV71H motor: 7.5 kW/10 hp
	1 filter per drive for variable speed drive ATV71P motor: 7.5 kW/10 hp
	1 filter per drive for variable speed drive ATV71W motor: 7.5 kW/10 hp
	1 filter per drive for variable speed drive ATV630 wall mount, motor: 7.5 kW/10 hp
	1 filter per drive for variable speed drive ATV650 wall mount, motor: 7.5 kW/10 hp
	1 filter per drive for variable speed drive ATV930 wall mount, motor: 7.5 kW/10 hp 1 filter per drive for variable speed drive ATV950 wall mount, motor: 7.5 kW/10 hp
	Tiller per drive for variable speed drive AT v 350 wall frount, motor. 7.5 kw/ to hp
[In] rated current	14 A for input
	14.5 A for output
Network number of phases	3 phases
THDI	10 % for variable speed drive ATV61H motor: 7.5 kW/10 hp
	10 % for variable speed drive ATV71H motor: 7.5 kW/10 hp
	10 % for variable speed drive ATV71P motor: 7.5 kW/10 hp
	10 % for variable speed drive ATV71W motor: 7.5 kW/10 hp
	5 % for variable speed drive ATV61W motor: 7.5 kW/10 hp
	5 % for variable speed drive ATV630 motor: 7.5 kW/10 hp
	5 % for variable speed drive ATV650 motor: 7.5 kW/10 hp 5 % for variable speed drive ATV930 motor: 7.5 kW/10 hp
	5 % for variable speed drive ATV950 motor: 7.5 kW/10 hp
Max current	1.5 x nominal current (duration = 60 s)
Efficiency	98 %
Thermal losses	184 W
Cos phi	1 (150 % of line current)
	0.85 (75 % of line current)
	0.99 (100 % of line current)
Electrical connection	X1-1X2-3 terminal, connection capacity: 0.510 mm²
	A, B terminal, connection capacity: 2.5 mm²
Electrical insulation class	Class F
Net weight	20 kg

Environment

IP degree of protection	IP20 IP55 (enclosure mounting)				
Vibration resistance	2 mm peak to peak (f= 513.2 Hz) conforming to IEC 60068-2-6 0.7 gn (f= 13.2150 Hz) conforming to IEC 60068-2-6				
Relative humidity	585 % without condensation				
Ambient air temperature for operation	545 °C (without current derating)				
Ambient air temperature for storage	-2555 °C storage in original packaging -2565 °C during transport				
Operating altitude	<= 1000 m without current derating > 10004000 m with current derating 5 % per 1000 m				
Standards	IEC 61000-2-4 IEC 61000-3-4 IEC 61000-3-12 G5/4 engineering recommendation IEC 61000-2-2 IEC 61000-3-2				

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	56.0 cm
Package 1 Width	40.0 cm
Package 1 Length	60.0 cm
Package 1 Weight	27.5 kg

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration

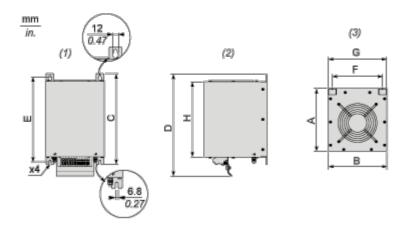
Use Again

○ Repack and remanufacture		
Take-back	No	

VW3A46160

Dimensions Drawings

Dimensions



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

Dimensions in mm

Α	В	С	D	Е	F	G	Н
205.5	190	295	332.11	276	163	188	246

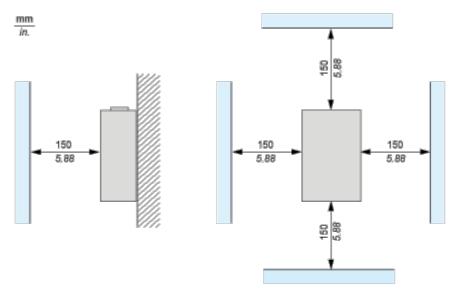
Dimensions in in.

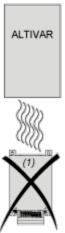
Α	В	С	D	E	F	G	Н
8.09	7.48	11.61	13.07	10.87	6.42	7.40	9.69

Mounting and Clearance

Mounting Recommendations

Vertical Mounting Only

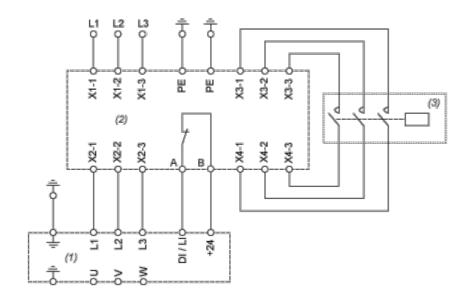




(1) Filter

Connections and Schema

Recommended Schema



- (1) Drive
- (2) Filter
- (3) Optional