

passive filter - 10 A - 400 V - 50 Hz - for variable speed drive

VW3A46121

Passive filter

EAN Code: 3606480640124

Main

Product or component type

Froduct or component type	Passive filter				
Product specific application	Reduction of current harmonics				
Complementary					
Range compatibility	Altivar Process ATV900 Altivar 71				
	Altivar Process ATV600 Altivar 61				
[Us] rated supply voltage	400 V +/- 10 %				
power supply frequency	50 Hz +/- 2 %				
Quantity per drive	1 filter per drive for variable speed drive ATV61W motor: 4 kW/5 hp				
	1 filter per drive for variable speed drive ATV61W motor: 5.5 kW/7.5 hp				
	1 filter per drive for variable speed drive ATV61H motor: 4 kW/5 hp				
	1 filter per drive for variable speed drive ATV61H motor: 5.5 kW/7.5 hp				
	1 filter per drive for variable speed drive ATV71H motor: 4 kW/5 hp				
	1 filter per drive for variable speed drive ATV71H motor: 5.5 kW/7.5 hp				
	1 filter per drive for variable speed drive ATV71P motor: 4 kW/5 hp				
	1 filter per drive for variable speed drive ATV71P motor: 5.5 kW/7.5 hp				
	1 filter per drive for variable speed drive ATV71W motor: 4 kW/5 hp				
	1 filter per drive for variable speed drive ATV71W motor: 5.5 kW/7.5 hp				
	1 filter per drive for variable speed drive ATV630 wall mount, motor: 4 kW/5 hp				
	1 filter per drive for variable speed drive ATV630 wall mount, motor: 5.5 kW/7.5 hp				
	1 filter per drive for variable speed drive ATV650 wall mount, motor: 4 kW/5 hp				
	1 filter per drive for variable speed drive ATV650 wall mount, motor: 5.5 kW/7.5 hp				
	1 filter per drive for variable speed drive ATV930 wall mount, motor: 4 kW/5 hp				
	1 filter per drive for variable speed drive ATV930 wall mount, motor: 5.5 kW/7.5 hp				
	1 filter per drive for variable speed drive ATV950 wall mount, motor: 4 kW/5 hp				
	1 filter per drive for variable speed drive ATV950 wall mount, motor: 5.5 kW/7.5 hp				
[In] rated current	10 A for input				
	10.4 A for output				
Network number of phases	3 phases				
THDI	10 % for variable speed drive ATV61H motor: 4 kW/5 hp				
	10 % for variable speed drive ATV61H motor: 5.5 kW/7.5 hp				
	10 % for variable speed drive ATV71H motor: 4 kW/5 hp				
	10 % for variable speed drive ATV71H motor: 5.5 kW/7.5 hp				
	10 % for variable speed drive ATV/71P motor: 4 kW/5 hp				
	10 % for variable speed drive ATV71P motor: 5.5 kW/7.5 hp				
	10 % for variable speed drive ATV71W motor: 4 kW/5 hp				
	10 % for variable speed drive ATV71W motor: 5.5 kW/7.5 hp 5 % for variable speed drive ATV61W motor: 4 kW/5 hp				
	5 % for variable speed drive ATV61W motor: 5.5 kW/7.5 hp				
	5 % for variable speed drive ATV630 motor: 4 kW/5 hp				
	5 % for variable speed drive ATV630 motor: 4 kW/5 np				
	5 % for variable speed drive ATV650 motor: 4 kW/5 hp				
	5 % for variable speed drive ATV650 motor: 5.5 kW/7.5 hp				
	5 % for variable speed drive ATV930 motor: 4 kW/5 hp				
	5 % for variable speed drive ATV930 motor: 5.5 kW/7.5 hp				
	5 % for variable speed drive ATV950 motor: 4 kW/5 hp				
	5 % for variable speed drive ATV950 motor: 5.5 kW/7.5 hp				
Max current	1.5 x nominal current (duration = 60 s)				
	•				

27 Mar 2025 Life Is On Schneider

Efficiency	ency 98 %		
Thermal losses	131 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	18 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 4560 °C (with current derating 3 % per °C) 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 61000-2-2 IEC 61000-3-4 IEC 61000-3-12 IEC 61000-2-4 IEC 61000-3-2 G5/4 engineering recommendation				

Packing Units

Unit Type of Package 1	PCE		
Number of Units in Package 1	1		
Package 1 Height	40.000 cm		
Package 1 Width	56.000 cm		
Package 1 Length	60.000 cm		
Package 1 Weight	28.000 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

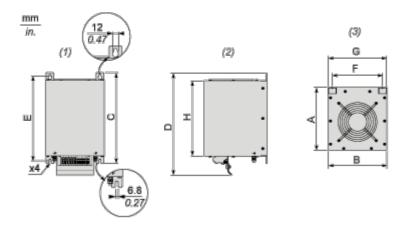
Use Again

○ Repack and remanufacture		
Take-back	No	

VW3A46121

Dimensions Drawings

Dimensions



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

Dimensions in mm

Α	В	С	D	E	F	G	Н
205.5	190	295	332.11	276	163	188	246
		l .					

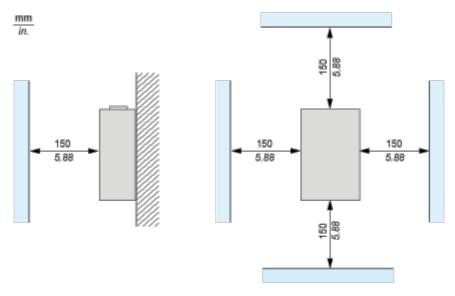
Dimensions in in.

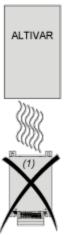
Α	В	С	D	E	F	G	Н
8.09	7.48	11.61	13.07	10.87	6.42	7.40	9.69

Mounting and Clearance

Mounting Recommendations

Vertical Mounting Only

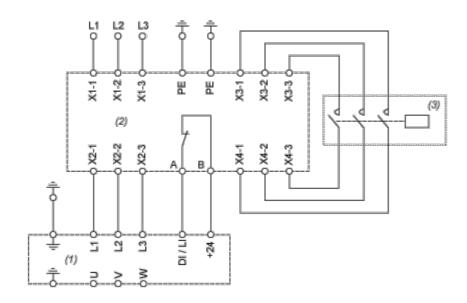




(1) Filter

Connections and Schema

Recommended Schema



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