

# passive filter - 44 A - 400 V - 50 Hz - for variable speed drive

VW3A46126

# Main

Product 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 ATV650 wall mount, motor: 18.5 kW/25 hp 1 filter per drive for variable speed drive ATV630 wall mount, motor: 18.5 kW/25 hp 1 filter per drive for variable speed drive ATV950 wall mount, motor: 18.5 kW/25 hp 1 filter per drive for variable speed drive ATV930 wall mount, motor: 18.5 kW/25 hp 1 filter per drive for variable speed drive ATV61W motor: 22 kW/30 hp 1 filter per drive for variable speed drive ATV61H motor: 22 kW/30 hp 1 filter per drive for variable speed drive ATV71H motor: 22 kW/30 hp 1 filter per drive for variable speed drive ATV71W motor: 22 kW/30 hp					
[in] rated current	43 A for input 45 A for output					
Network number of phases	3 phases					
THDI	5 % for variable speed drive ATV650 motor: 18.5 kW/25 hp 5 % for variable speed drive ATV630 motor: 18.5 kW/25 hp 10 % for variable speed drive ATV61H motor: 22 kW/30 hp 10 % for variable speed drive ATV71H motor: 22 kW/30 hp 10 % for variable speed drive ATV71W motor: 22 kW/30 hp 5 % for variable speed drive ATV61W motor: 22 kW/30 hp 5 % for variable speed drive ATV550 motor: 18.5 kW/25 hp 5 % for variable speed drive ATV930 motor: 18.5 kW/25 hp					
Max current	1.5 x nominal current (duration = 60 s)					
Efficiency	98 %					
Thermal losses	482 W					
Cos phi	1 (150 % of line current) 0.85 (75 % of line current) 0.99 (100 % of line current)					
Electrical connection	A, B terminal, connection capacity: 2.5 mm² X1-1X2-3 terminal, connection capacity: 1.525 mm²					
Electrical insulation class	Class F					
Net weight	58 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 61000-3-2 IEC 61000-2-4 IEC 61000-2-2 IEC 61000-3-4 IEC 61000-3-12 G5/4 engineering recommendation					

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	61.000 cm
Package 1 Width	60.000 cm
Package 1 Length	80.000 cm
Package 1 Weight	70.2 kg



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**

Materials and Packaging	Materials and Packaging					
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					

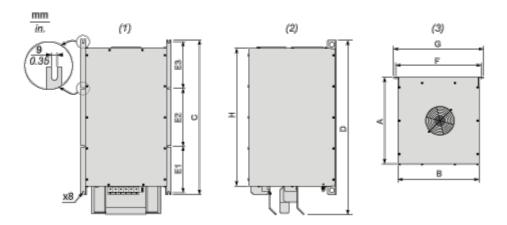
#### **Use Again**

○ Repack and remanufacture		
Take-back	No	

# VW3A46126

#### **Dimensions Drawings**

#### **Dimensions**



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

#### Dimensions in mm

Α	В	С	D	E1	E2	E3	F	G	Н
242	330	547	594.08	145	233	145	353	378	460

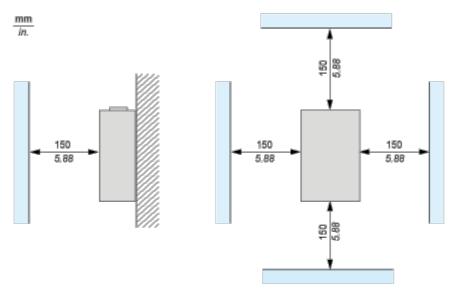
#### Dimensions in in.

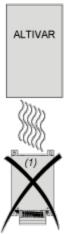
Diffictions in in.											
	Α	В	С	D	E1	E2	E3	F	G	Н	
	9.53	12.99	21.54	23.39	5.71	9.17	5.71	13.90	14.88	18.11	

# Mounting and Clearance

# **Mounting Recommendations**

#### **Vertical Mounting Only**

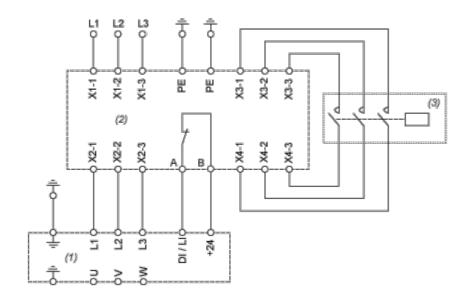




(1) Filter

#### Connections and Schema

#### **Recommended Schema**



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