

# passive filter - 23 A - 400 V - 50 Hz - for variable speed drive

VW3A46104

EAN Code: 3606480639951

#### Main

Product or component type	Passive filter		
Product specific application	Reduction of current harmonics		
Complementary			
Range compatibility	Altivar 61 Altivar Process ATV900 Altivar Process ATV600 Altivar 71		
[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: 11 kW/15 hp 1 filter per drive for variable speed drive ATV61H motor: 11 kW/15 hp 1 filter per drive for variable speed drive ATV71H motor: 11 kW/15 hp 1 filter per drive for variable speed drive ATV71H motor: 11 kW/15 hp 1 filter per drive for variable speed drive ATV71W motor: 11 kW/15 hp 1 filter per drive for variable speed drive ATV630 wall mount, motor: 11 kW/15 hp 1 filter per drive for variable speed drive ATV650 wall mount, motor: 11 kW/15 hp 1 filter per drive for variable speed drive ATV930 wall mount, motor: 11 kW/15 hp 1 filter per drive for variable speed drive ATV950 wall mount, motor: 11 kW/15 hp		
[In] rated current	22 A for input 23 A for output		
Network number of phases	3 phases		
THDI	10 % for variable speed drive ATV61W motor: 11 kW/15 hp 16 % for variable speed drive ATV61H motor: 11 kW/15 hp 16 % for variable speed drive ATV71H motor: 11 kW/15 hp 16 % for variable speed drive ATV71P motor: 11 kW/15 hp 16 % for variable speed drive ATV71W motor: 11 kW/15 hp 10 % for variable speed drive ATV630 motor: 11 kW/15 hp 10 % for variable speed drive ATV650 motor: 11 kW/15 hp 10 % for variable speed drive ATV930 motor: 11 kW/15 hp 10 % for variable speed drive ATV930 motor: 11 kW/15 hp		
Max current	1.5 x nominal current (duration = 60 s)		
Efficiency	98 %		
Thermal losses	206 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		

## **Environment**

Electrical insulation class

A, B terminal, connection capacity: 2.5 mm²

Class F

22 kg

Net weight

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 61000-3-4 G5/4 engineering recommendation IEC 61000-2-2 IEC 61000-3-2 IEC 61000-3-12 IEC 61000-2-4	

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	56.000 cm
Package 1 Width	40.000 cm
Package 1 Length	60.000 cm
Package 1 Weight	27.500 kg
Unit Type of Package 2	P06
Number of Units in Package 2	2
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	64.900 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

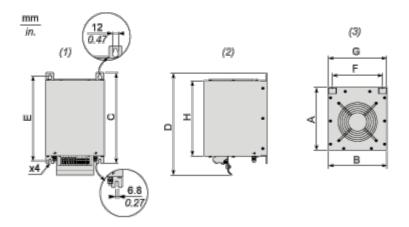
#### **Use Again**

○ Repack and remanufacture		
Take-back	No	

# VW3A46104

## **Dimensions Drawings**

#### **Dimensions**



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

#### Dimensions in mm

Α	В	С	D	Е	F	G	Н
247.5	232	399.55	436.11	380	205	230	350

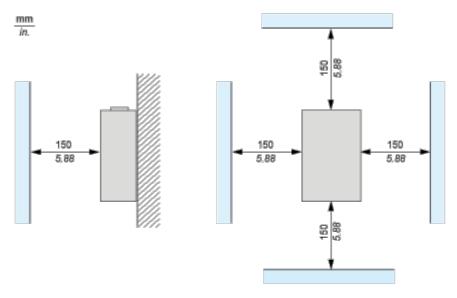
#### Dimensions in in.

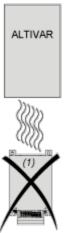
Α	В	С	D	E	F	G	Н
9.74	9.13	15.73	17.17	14.96	8.07	9.06	13.78

# Mounting and Clearance

## **Mounting Recommendations**

#### **Vertical Mounting Only**

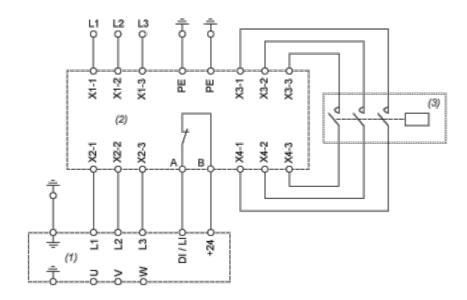




(1) Filter

#### Connections and Schema

#### **Recommended Schema**



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