

# passive filter - 240 A - 460 V - 60 Hz - for variable speed drive

VW3A46172

Passive filter

EAN Code: 3606480652707

#### Main

Product or component type

Albi 74
Altivar 71 Altivar Process ATV900
Altivar Process ATV600
Altivar 61
480 V +/- 10 %
60 Hz +/- 2 %
1 filter per drive for variable speed drive ATV61H motor: 132 kW/200 hp
1 filter per drive for variable speed drive ATV71H motor: 132 kW/200 hp
1 filter per drive for variable speed drive ATV61Q motor: 132 kW/200 hp
2 filters per drive for variable speed drive ATV61H motor: 280 kW/450 hp
2 filters per drive for variable speed drive ATV61Q motor: 280 kW/450 hp
1 filter per drive for variable speed drive ATV630 wall mount, motor: 132 kW/200 hp
1 filter per drive for variable speed drive ATV930 wall mount, motor: 132 kW/200 hp
1 filter per drive for variable speed drive ATV61H motor: 160 kW/250 hp 1 filter per drive for variable speed drive ATV71H motor: 160 kW/250 hp
2 filters per drive for variable speed drive ATV71H motor: 315 kW/500 hp
1 filter per drive for variable speed drive ATV61Q motor: 160 kW/250 hp
1 filter per drive for variable speed drive ATV71Q motor: 160 kW/250 hp
2 filters per drive for variable speed drive ATV71Q motor: 315 kW/500 hp
1 filter per drive for variable speed drive ATV71Q motor: 132 kW/200 hp
2 filters per drive for variable speed drive ATV630 wall mount, motor: 315 kW/500 hp
2 filters per drive for variable speed drive ATV930 wall mount, motor: 315 kW/500 hp
231 A for input 240 A for output
3 phases
5 % for variable speed drive ATV61H motor: 132 kW/200 hp
5 % for variable speed drive ATV71H motor: 132 kW/200 hp
5 % for variable speed drive ATV61Q motor: 132 kW/200 hp
5 % for variable speed drive ATV71Q motor: 132 kW/200 hp
5 % for variable speed drive ATV61H motor: 280 kW/450 hp
5 % for variable speed drive ATV61Q motor: 280 kW/450 hp
5 % for variable speed drive ATV61H motor: 160 kW/250 hp
5 % for variable speed drive ATV71H motor: 160 kW/250 hp
5 % for variable speed drive ATV71H motor: 315 kW/500 hp
5 % for variable speed drive ATV61Q motor: 160 kW/250 hp
5 % for variable speed drive ATV71Q motor: 160 kW/250 hp
5 % for variable speed drive ATV71Q motor: 315 kW/500 hp
5 % for variable speed drive ATV630 motor: 132 kW/200 hp
5 % for variable speed drive ATV930 motor: 132 kW/200 hp 5 % for variable speed drive ATV630 motor: 315 kW/500 hp
5 % for variable speed drive ATV930 motor: 315 kW/500 hp
1.5 x nominal current (duration = 60 s)
98 %
1194 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 mm <sup>2</sup> X1-1X2-3 terminal, connection capacity: 25300 mm <sup>2</sup>	_				
Electrical insulation class	Class F					
Net weight	172 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 61000-3-4 IEC 61000-3-2 G5/4 engineering recommendation IEC 61000-3-12 IEC 61000-2-4 IEC 61000-2-2					

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	71.000 cm
Package 1 Width	80.000 cm
Package 1 Length	120.000 cm
Package 1 Weight	196.6 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

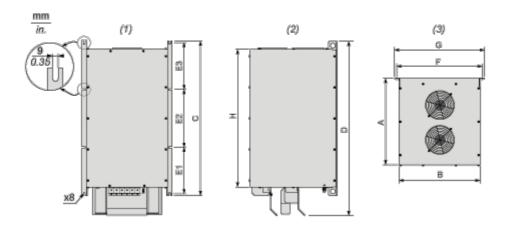
#### **Use Again**

○ Repack and remanufacture		
Take-back	No	

#### VW3A46172

#### **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
448.5	420	800	900.06	240	300	240	443	468	713

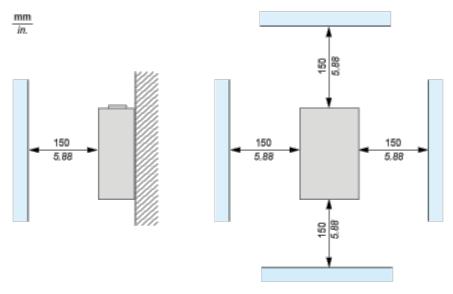
#### Dimensions in in.

Difficiono in in.									
Α	В	С	D	E1	E2	E3	F	G	Н
17.66	16.54	31.50	35.43	9.45	11.81	9.45	17.44	18.43	28.07

#### Mounting and Clearance

#### **Mounting Recommendations**

#### **Vertical Mounting Only**

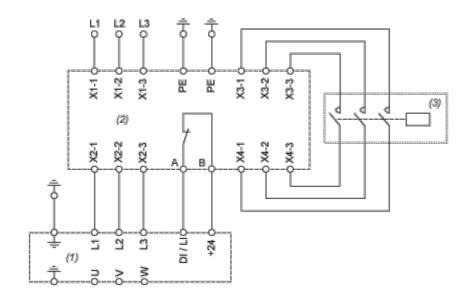




(1) Filter

#### Connections and Schema

#### **Recommended Schema**



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