

passive filter - 369 A - 460 V - 60 Hz - for variable speed drive

VW3A46174

EAN Code: 3606480652721

Main

Product or component type	Passive filter			
Product specific application	Reduction of current harmonics			
Complementary	,			

[Us] rated supply voltage	480 V +/- 10 %				
power supply frequency	60 Hz +/- 2 %				
Quantity per drive	3 filters per drive for variable speed drive ATV61H motor: 560 kW/800 hp				
	3 filters per drive for variable speed drive ATV61Q motor: 560 kW/800 hp				
	2 filters per drive for variable speed drive ATV71H motor: 250 kW/400 hp				
	1 filter per drive for variable speed drive ATV61H motor: 220 kW/350 hp				
	1 filter per drive for variable speed drive ATV71H motor: 200 kW/300 hp				
	1 filter per drive for variable speed drive ATV61Q motor: 200 kW/300 hp				
	1 filter per drive for variable speed drive ATV61Q motor: 220 kW/350 hp				
	1 filter per drive for variable speed drive ATV71Q motor: 200 kW/300 hp				
	1 filter per drive for variable speed drive ATV71Q motor: 220 kW/350 hp				
[In] rated current	355 A for input				
	369 A for output				
Network number of phases	3 phases				
THDI	5 % for variable speed drive ATV61H motor: 560 kW/800 hp				
	5 % for variable speed drive ATV61Q motor: 560 kW/800 hp				
	5 % for variable speed drive ATV71H motor: 250 kW/400 hp				
	5 % for variable speed drive ATV61H motor: 220 kW/350 hp				
	5 % for variable speed drive ATV71H motor: 200 kW/300 hp				
	5 % for variable speed drive ATV61Q motor: 200 kW/300 hp				
	5 % for variable speed drive ATV61Q motor: 220 kW/350 hp				
	5 % for variable speed drive ATV71Q motor: 200 kW/300 hp				
	5 % for variable speed drive ATV71Q motor: 220 kW/350 hp				
Max current	1.5 x nominal current (duration = 60 s)				
Efficiency	98 %				

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Efficiency	98 %				
Thermal losses	1406 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: 25300 mm²				
Electrical insulation class	Class F				
Net weight	229 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 61000-2-4 IEC 61000-3-4 G5/4 engineering recommendation IEC 61000-3-12 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	71.000 cm
Package 1 Width	80.000 cm
Package 1 Length	120.000 cm
Package 1 Weight	253.6 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

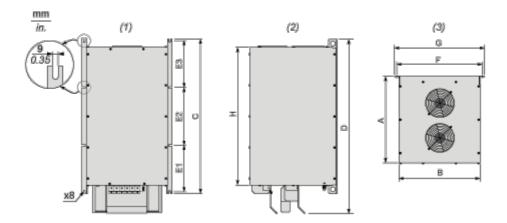
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration

Use Again

○ Repack and remanufacture		
Take-back	No	

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
510	420	800	900.06	240	300	240	443	468	713

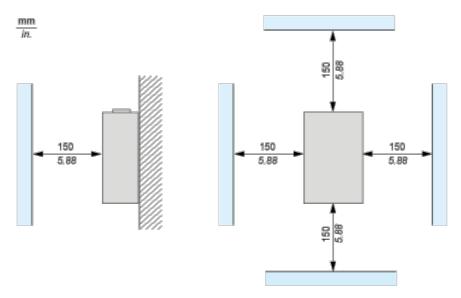
Dimensions in in.

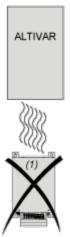
Α	В	С	D	E1	E2	E3	F	G	Н
20.00	16.54	31.50	35.43	9.45	11.81	9.45	17.44	18.43	28.07

Mounting and Clearance

Mounting Recommendations

Vertical Mounting Only

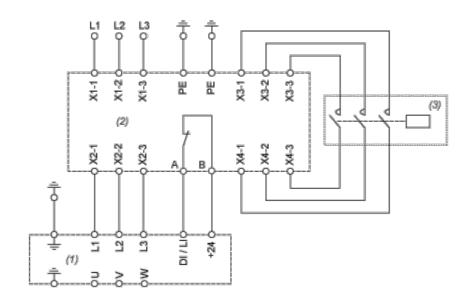




(1) Filter

Connections and Schema

Recommended Schema



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