

Product datasheet

Specifications



passive filter, Easy Altivar 610, 81A,
380 to 480V, 37kW, 50Hz, for
variable speed drive

VW3A46109A

Main

Product or component type	Passive filter
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Complementary

Range compatibility	Easy Altivar 610 Altivar Process ATV600 Altivar Process ATV900
[Us] rated supply voltage	380...480 V - 10...10 %
power supply frequency	50 Hz +/- 2 %
Quantity per drive	1 filter per drive for variable speed drive ATV610 motor: 37 kW/50 hp
[In] rated current	54.7 A for input 81 A for output
Network number of phases	3 phases
THDI	10 % for variable speed drive ATV610
Efficiency	98 %
Thermal losses	414 W
Electrical connection	L1, L2, L3, L1', L2', L3' terminal, connection capacity: 6...25 mm ² D1, D2, D3, D1', D2', D3' terminal, connection capacity: 6 mm ² TS, TS' terminal, connection capacity: 0.5...4 mm ²
Electrical insulation class	Class N
Product weight	43 kg

Environment

IP degree of protection	IP20 (enclosure mounting)
Ambient air temperature for operation	-25...45 °C (without current derating)
Ambient air temperature for storage	-25...85 °C storage in original packaging
Standards	UL 61800-5-1 IEC 61800-5-1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	48.3 cm
Package 1 Width	41.6 cm
Package 1 Length	71.6 cm
Package 1 Weight	62.2 kg

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Contractual warranty

Warranty (in months)	18
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Environmental Data

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 Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer

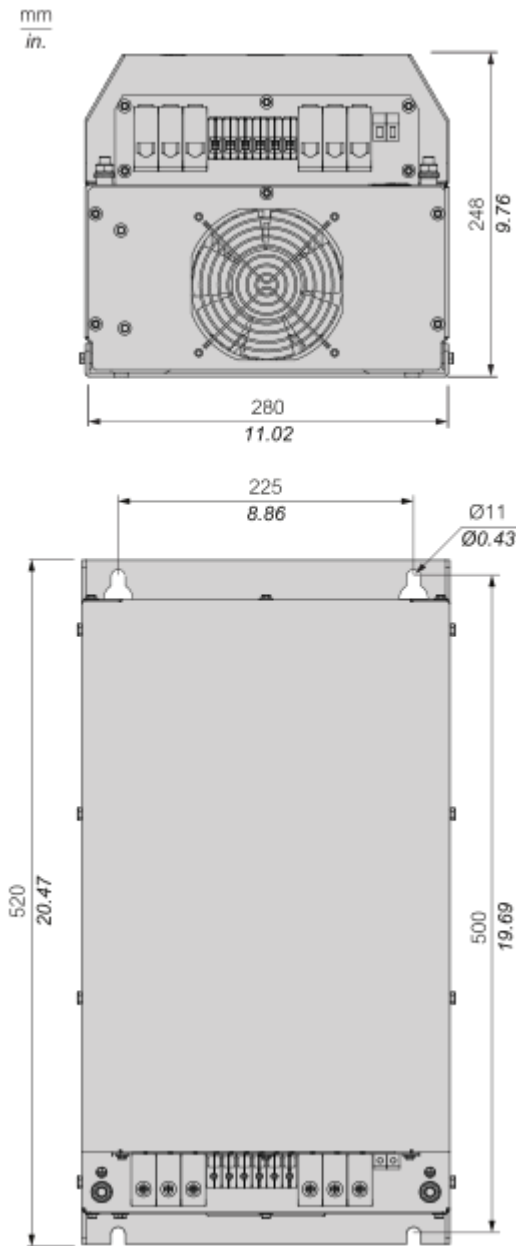
Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No

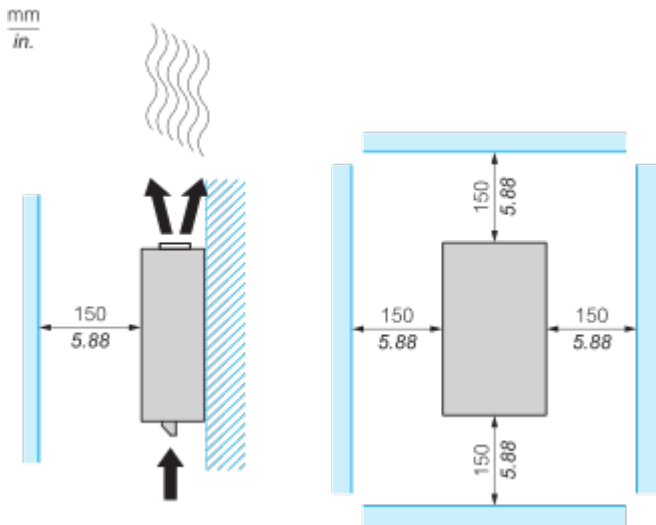
Dimensions Drawings

Dimensions

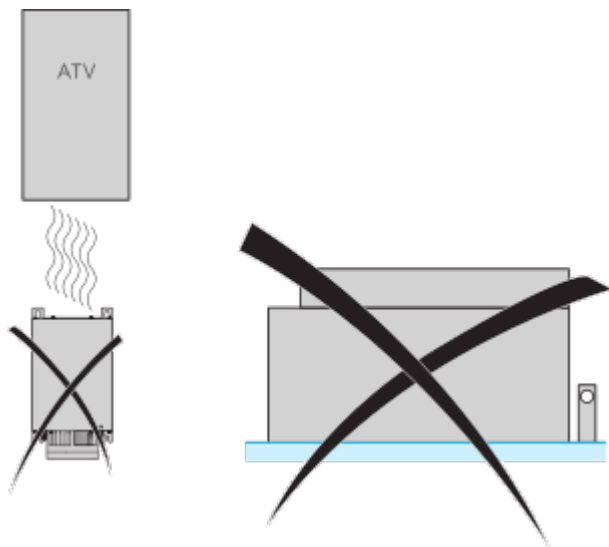


Mounting and Clearance

Mounting Recommendations

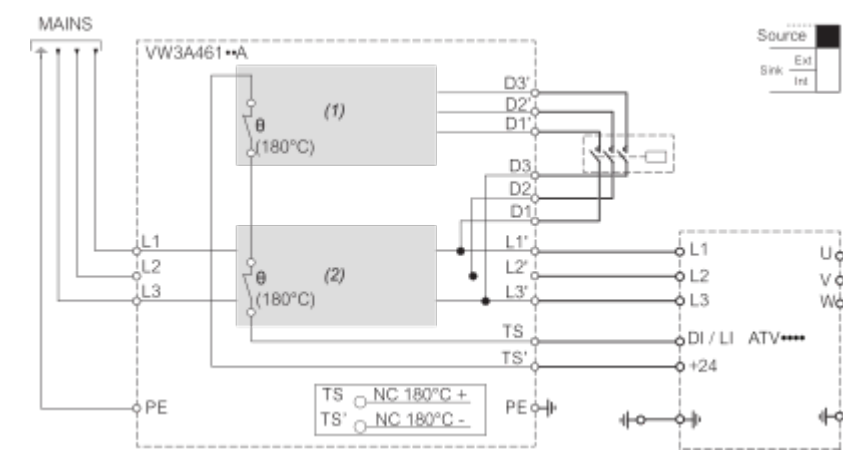


Incorrect Mounting



Connections and Schema

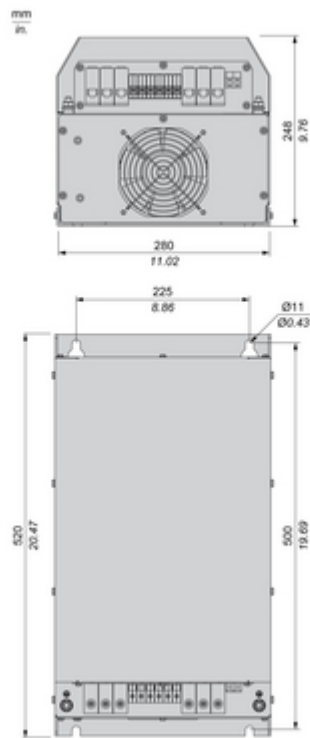
Wiring Diagram



- 1 : Power capacitors Trap choke
- 2 : In-Out choke

Technical Illustration

Dimensions



Technical Illustration

Wiring diagram

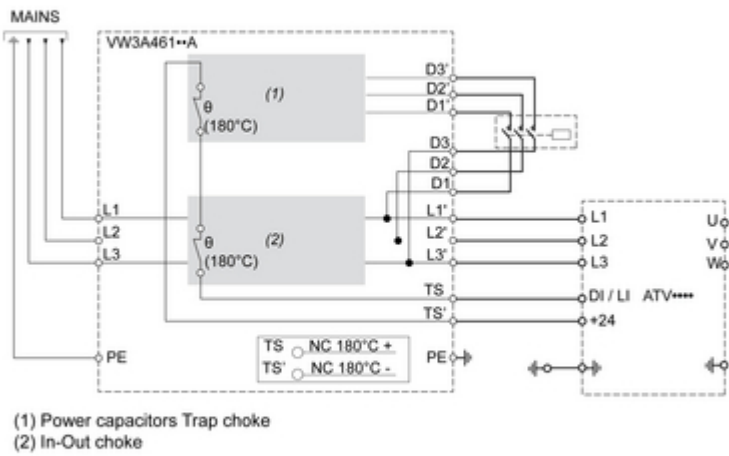


Image of product / Alternate images

Alternative

