

Product datasheet

Specifications



output dv dt filter, Altivar, for variable speed drive, 0.75 to 2.2kW, 6A, IP20

VW3A5301

Main

Product or component type	Dv/dt filter
Range compatibility	Altivar Process ATV600 Altivar Process ATV900 Easy Altivar 610 Altivar Machine ATV340
Product specific application	Output filter
[In] rated current	6 A
Product compatibility	ATV630 variable speed drive wall mount - 0.75 kW, 380...480 V ATV630 variable speed drive wall mount - 1.5 kW, 380...480 V ATV630 variable speed drive wall mount - 2.2 kW, 380...480 V ATV630 variable speed drive wall mount - 0.75 kW, 200...240 V ATV650 variable speed drive wall mount - 0.75 kW, 380...480 V ATV650 variable speed drive wall mount - 1.5 kW, 380...480 V ATV650 variable speed drive wall mount - 2.2 kW, 380...480 V ATV610 variable speed drive - 0.75 kW, 380...415 V ATV610 variable speed drive - 1.5 kW, 380...415 V ATV610 variable speed drive - 2.2 kW, 380...415 V ATV930 variable speed drive wall mount - 0.75 kW, 380...480 V ATV930 variable speed drive wall mount - 1.5 kW, 380...480 V ATV930 variable speed drive wall mount - 2.2 kW, 380...480 V ATV930 variable speed drive wall mount - 0.75 kW, 200...240 V ATV950 variable speed drive wall mount - 0.75 kW, 380...480 V ATV950 variable speed drive wall mount - 1.5 kW, 380...480 V ATV950 variable speed drive wall mount - 2.2 kW, 380...480 V
nedded quantity	1
Electrical connection	Terminal block, connection capacity: 6 mm² / AWG 10

Complementary

Maximum motor cable length	300 m unshielded cable 300 m shielded cable
dv/dt	3000 V/µs max at 200...240 V 3000 V/µs max at 380...480 V
Thermal losses	16 W at 4 kHz
maximum drive output frequency	100 Hz
Ambient air temperature for operation	-10...50 °C (without current derating) 50...60 °C (with current derating 1.5 % per °C)
Operating altitude	0...1000 m without current derating 1000...4000 m with current derating 1 % per 100 m
Width	295 mm
Height	535 mm
Depth	215 mm
Net weight	11 kg

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Environment

IP degree of protection	IP20 IP21 (with kit VW3A53902)
Ambient air temperature for storage	-40...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	52.000 cm
Package 1 Width	60.000 cm
Package 1 Length	80.000 cm
Package 1 Weight	38.000 kg
Unit Type of Package 2	P06
Number of Units in Package 2	4
Package 2 Height	87.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	77.000 kg

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
REACH Regulation	Free of Substances of Very High Concern above the threshold

Use Longer

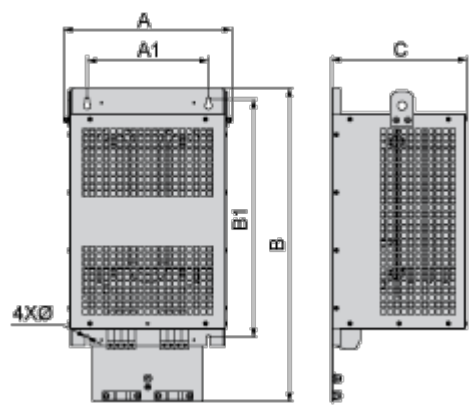
Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	Nej

Dimensions Drawings

Dimensions



Dimensions in mm

A	B	C	A1	B1	Ø
285	520	215	210	411	7

Dimensions in in.

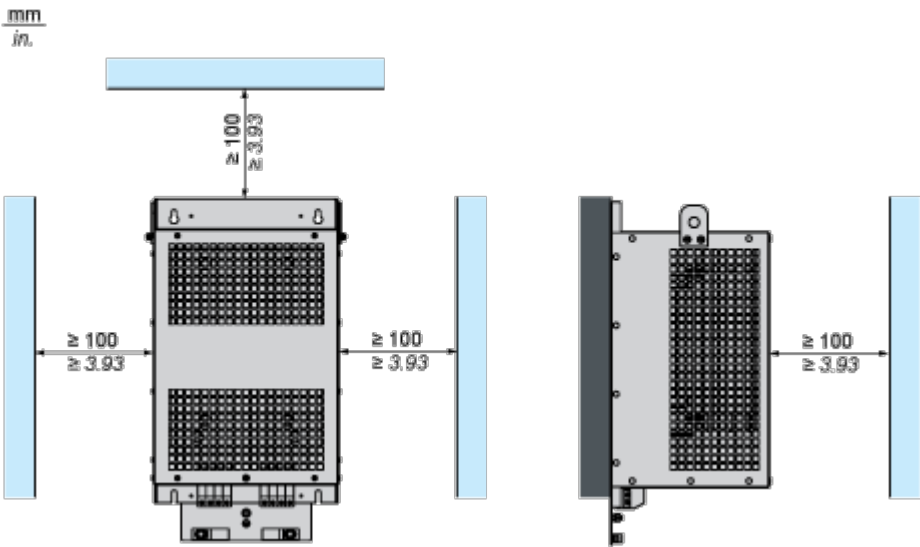
A	B	C	A1	B1	Ø
11.2	20.5	8.5	8.3	16.2	0.28

Mounting and Clearance

Mounting and Clearance

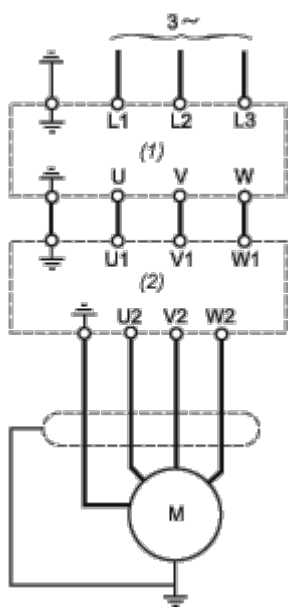


(1) Filter



Connections and Schema

Recommended Schema



- (1) Drive
- (2) Filter