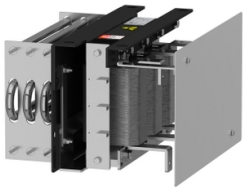


Product datasheet

Specifications



output dv dt filter, Altivar, for variable speed drive, 30 to 90kW, 180A, IP00

VW3A5306

Main

Product or component type	Dv/dt filter
Range compatibility	Altivar Process ATV900 Easy Altivar 610 Altivar Process ATV600 Altivar Machine ATV340
Product specific application	Output filter
[In] rated current	180 A
Product compatibility	ATV630 variable speed drive wall mount - 30 kW, 200...240 V ATV630 variable speed drive wall mount - 37 kW, 200...240 V ATV630 variable speed drive wall mount - 45 kW, 200...240 V ATV630 variable speed drive wall mount - 55 kW, 380...480 V ATV630 variable speed drive wall mount - 75 kW, 380...480 V ATV630 variable speed drive wall mount - 90 kW, 380...480 V ATV650 variable speed drive wall mount - 55 kW, 380...480 V ATV650 variable speed drive wall mount - 75 kW, 380...480 V ATV650 variable speed drive wall mount - 90 kW, 380...480 V ATV610 variable speed drive - 55 kW, 380...415 V ATV610 variable speed drive - 75 kW, 380...415 V ATV610 variable speed drive - 90 kW, 380...415 V ATV930 variable speed drive wall mount - 30 kW, 200...240 V ATV930 variable speed drive wall mount - 37 kW, 200...240 V ATV930 variable speed drive wall mount - 45 kW, 200...240 V ATV930 variable speed drive wall mount - 55 kW, 380...480 V ATV930 variable speed drive wall mount - 75 kW, 380...480 V ATV930 variable speed drive wall mount - 90 kW, 380...480 V ATV950 variable speed drive wall mount - 55 kW, 380...480 V ATV950 variable speed drive wall mount - 75 kW, 380...480 V ATV950 variable speed drive wall mount - 90 kW, 380...480 V
nedded quantity	1
Electrical connection	Copper bar M10, connection capacity: 120 mm² / AWG 4/0

Complementary

Maximum motor cable length	500 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	176 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	380 mm
Height	350 mm
Depth	235 mm

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

Net weight	22 kg
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Environment

IP degree of protection	IP00
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	37.700 cm
Package 1 Width	39.800 cm
Package 1 Length	44.500 cm
Package 1 Weight	29.400 kg
Unit Type of Package 2	P06
Number of Units in Package 2	4
Package 2 Height	95.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	127.000 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

Use Longer

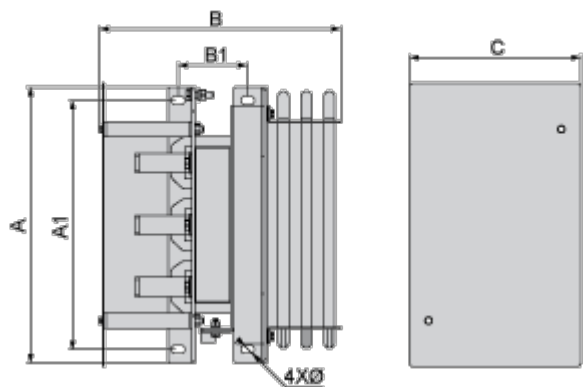
Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	Yes

Dimensions Drawings

Dimensions



Dimensions in mm

A	B	C	A1	B1	Ø
380	325	235	325	91	11

Dimensions in in.

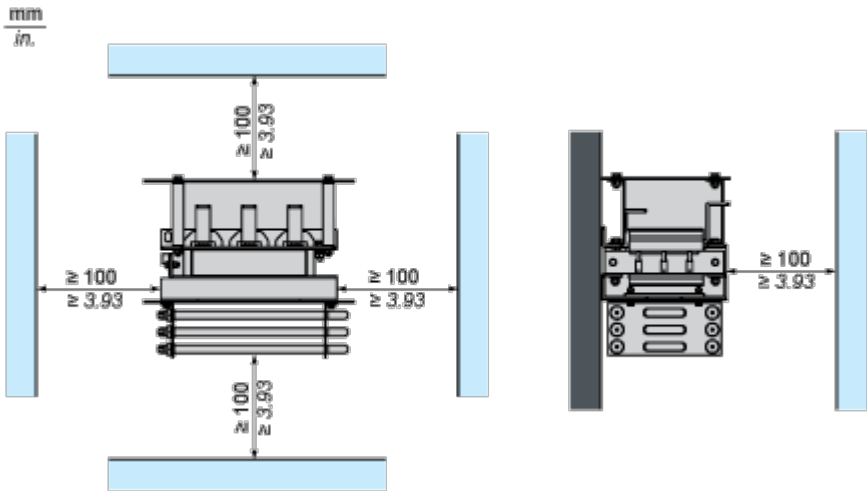
A	B	C	A1	B1	Ø
15	12.8	9.3	12.8	3.6	0.43

Mounting and Clearance

Mounting and Clearance

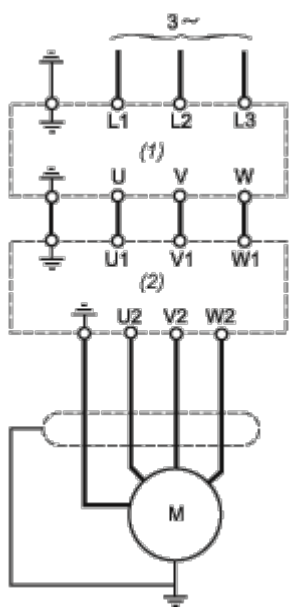


(1) Filter



Connections and Schema

Recommended Schema



- (1) Drive
- (2) Filter