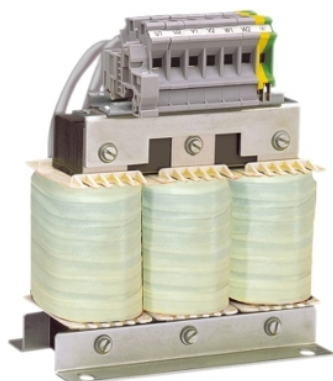


## Product data sheet

### Characteristics

# VW3A5106

motor choke - 481 A - for variable speed drive  
Altivar - IP00



### Main

Product or component type	Motor choke
Range compatibility	Altivar 61 Altivar 71 Altivar&Nbsp;Process ATV600 Altivar 61Q Altivar&Nbsp;Process ATV900 Altivar 71Q
Product specific application	Output filter
[In] rated current	481 A
Product compatibility	ATV61HC16N4 ATV61HC22N4 ATV61HC31Y ATV61HC40Y ATV61HD90M3X ATV61QC20N4 ATV61QC25N4 ATV61QC25Y ATV61QC31Y ATV71HC16N4 ATV71HC20N4 ATV71HC25N4 ATV71HC25Y ATV71HC31Y ATV71QC16N4 ATV71QC20N4 ATV71QC20Y ATV71QC25Y ATV630 variable speed drive wall mount - 220 kW, 380...480 V ATV930 variable speed drive wall mount - 220 kW, 380...480 V
Nedded quantity	3
Electrical connection	Tag connector 2 x M12

### Complementary

Maximum motor cable length	250 M shielded cable P motor 90 kW at 200...240 V 300 M unshielded cable P motor 90 kW at 200...240 V 250 M shielded cable P motor 160...220 kW at 380...480 V 1 300 M unshielded cable P motor 160...220 kW at 380...480 V 1 150 M shielded cable P motor 250...400 kW at 500...690 V 1 250 M unshielded cable P motor 250...400 kW at 500...690 V 1 250 M shielded cable P motor 250...400 kW at 500...690 V 2 400 m unshielded cable P motor 250...400 kW at 500...690 V 2
Dv/dt	500 V/μs max at 400 V 750 V/μs max at 500 V 1000 V/μs max at 690 V
Thermal losses	530 W
Maximum drive output frequency	100 Hz
Ambient air temperature for operation	-10...50 °C
Net weight	58 kg

## Environment

IP degree of protection	IP20 (with kits VW3A9612,613) IP00
Ambient air temperature for storage	-25...70 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	58.000 cm
Package 1 Width	60.000 cm
Package 1 Length	80.000 cm
Package 1 Weight	31.500 kg

## Offer Sustainability

REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>

## Contractual warranty

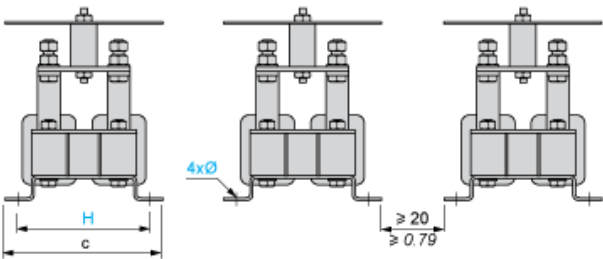
Warranty	18 months
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Dimensions

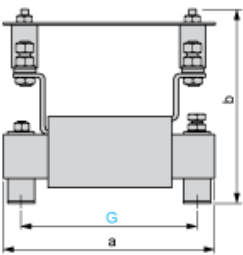
Front View

The choke comprise 3 components

mm  
in.



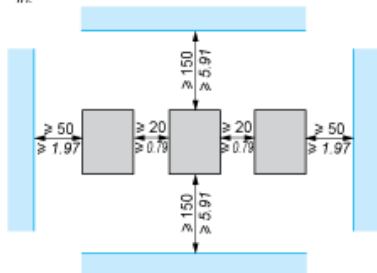
Right View



a	b	c	G	H	Ø
245	250	200	225	175	9 x 13
9.65	9.84	7.87	8.86	6.89	0.35 x 0.51

## Mounting Recommendations

Horizontal mounting

$$\frac{\text{mm}}{\text{in.}}$$


### Vertical mounting

$$\frac{\text{mm}}{\text{in.}}$$
