


Product data sheet

Specifications



resistance braking unit - 300 kW - 690 V - for variable speed drive

VW3A7103

 **Discontinued on:** Dec 31, 2023

 **Discontinued**

Main

Range Compatibility	Altivar 71 Altivar 61Q Altivar 71Q Altivar 61
Product Compatibility	ATV61HC25Y ATV61HC31Y ATV61HC40Y ATV61QC25Y ATV61QC31Y ATV61QC40Y ATV71HC20Y ATV71HC25Y ATV71HC31Y ATV71QC20Y ATV71QC25Y ATV71QC31Y
Thermal Losses	650 W
Minimum Resistor Value To Associate	2 Ohm
Protection Type	Integrated thermal protection by thermal probe

Complementary

Maximum Braking Power	450 kW
Permanent Braking Power	300 kW at 690 V (at constant power and at engage threshold)
Load Factor	0.05 for 450 kW at constant power and at engage threshold 0.15 for 400 kW at constant power and at engage threshold 0.5 for 350 kW at constant power and at engage threshold
Activation Threshold	1075 V DC +/- 1 %
Maximum Dc Bus Voltage	1100 V
Net Weight	80 kg
Volume Of Cooling Air	600 m3/h
Operating Position	Vertical

Environment

Ip Degree Of Protection	IP20
Operating Altitude	<= 1000 m without derating 1000...2260 m 1 % per 100 m
Ambient Air Temperature For Operation	-10...50 °C
Ambient Air Temperature For Storage	-25...70 °C

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

Pollution Degree	2 conforming to EN 50178
Vibration Resistance	0.2 gn

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	40.000 cm
Package 1 Width	129.000 cm
Package 1 Length	38.000 cm
Package 1 Weight	98.000 kg

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Pro-active compliance (Product out of EU RoHS legal scope)

China Rohs Regulation

[China RoHS declaration](#)

California Proposition 65

WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov