

Product datasheet

Specifications



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

VW3A7103

⚠ Discontinued on: 31 Dec 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
Pollution degree	2 conforming to EN 50178

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

vibration resistance	0.2 gn
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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 (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	
SCIP Number	6ae1b3ec-5312-4bb9-97ce-ee6aa2b64180
EU RoHS Directive	Compliant By Exemption

Use Longer

Lifetime extension	
Repair	No