

Product data sheet

Specifications



resistance braking unit, 200kW,
400V, for variable speed drive

VW3A7101

**Product availability: Non-Stock - Not normally stocked in
distribution facility**

Main

Range Compatibility	Altivar 61Q Altivar 71Q Altivar 71 Altivar 61 Altivar Process ATV900
Product compatibility	ATV61HC25N4 ATV61HC31N4 ATV61QC20N4 ATV61QC25N4 ATV61QC31N4 ATV71HC20N4 ATV71HC25N4 ATV71HC28N4 ATV71QC16N4 ATV71QC20N4 ATV71QC25N4 Variable speed drive ATV930 without braking chopper 250 kW 380...480 V Variable speed drive ATV930 without braking chopper 315 kW 380...480 V
Thermal losses	550 W
Minimum resistor value to associate	1.05 Ohm
Protection type	Integrated thermal protection thermal probe

Complementary

Maximum braking power	420 kW
Permanent braking power	200 kW 400 V at constant power and at engage threshold)
Load factor	0.05 420 kW at constant power and at engage threshold 0.15 320 kW at constant power and at engage threshold 0.5 250 kW at constant power and at engage threshold
Activation threshold	785 V DC +/- 1 %
Maximum DC bus voltage	850 V
Product Weight	66.1 lb(US) (30 kg)
Volume of cooling air	26417.7 Gal/hr(US) (100 m3/h)
Operating position	Vertical

Environment

IP degree of protection	IP20
Operating altitude	6561.68 ft (2000 m)
Ambient Air Temperature for Operation	14...122 °F (-10...50 °C)
Ambient Air Temperature for Storage	-13...158 °F (-25...70 °C)
Pollution degree	2 EN 50178

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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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Ordering and shipping details

Category	US1CP4E22279
Discount Schedule	CP4E
GTIN	3389119201636
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	14.567 in (37.000 cm)
Package 1 Width	43.307 in (110.000 cm)
Package 1 Length	19.291 in (49.000 cm)
Package weight(Lbs)	102.515 lb(US) (46.500 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 >](#)



Environmental footprint

Total lifecycle Carbon footprint	323 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	252 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	6 kg CO2 eq.
Carbon footprint of the installation phase [A5]	1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	52 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	12 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	6ae1b3ec-5312-4bb9-97ce-ee6aa2b64180
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	75
Circularity Profile	No need of specific recycling operations
Take-back	No