

ATV cabinets



Main

Product or component type	Resistance braking unit ATV71 Resistance braking unit ATV61
Range compatibility	Altivar 61 Altivar 71 Altivar 61Q Altivar 71Q
Maximum braking power	450 kW
Product compatibility	ATV71QC31Y ATV71QC25Y ATV71QC20Y ATV71HC31Y ATV71HC25Y ATV71HC20Y ATV61QC40Y ATV61QC31Y ATV61QC25Y ATV61HC40Y ATV61HC31Y ATV61HC25Y
Thermal losses	650 W
Activation threshold	1075 V DC +/- 1 %
Permanent braking power	300 kW at 690 V (at constant power and at engage threshold)
Protection type	Integrated thermal protection by thermal probe
Minimum resistor value to associate	2 Ohm

Complementary

Electrical connection	Cable, connection capacity: 2 x 150 mm ² , cable length <= 50 m between braking unit and braking resistors Cable, connection capacity: 2 x 150 mm ² , cable length <= 1 m between drive and braking unit
Maximum DC bus voltage	1100 V
Load factor	0.5 for 350 kW at constant power and at engage threshold 0.15 for 400 kW at constant power and at engage threshold 0.05 for 450 kW at constant power and at engage threshold
Cycle time	<= 140000 ms
Volume of cooling air	600 m ³ /h
Operating position	Vertical
Product weight	80 kg

Environment

Ambient air temperature for operation	-10...50 °C
Ambient air temperature for storage	-25...70 °C
IP degree of protection	IP20
Pollution degree	2 conforming to EN 50178
Environmental characteristic	Humidity resistant class 3K3 conforming to IEC 60721-3-3
Operating altitude	1000...2260 m 1 % per 100 m <= 1000 m without derating
Vibration resistance	0.2 gn

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1002 - Schneider Electric declaration of conformity