

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	750 kW
Product compatibility	ATV71QC50N4 ATV71QC40N4 ATV71QC31N4 ATV71HC50N4 ATV71HC40N4 ATV71HC31N4 ATV61QC63N4 ATV61QC50N4 ATV61QC40N4 ATV61HC63N4 ATV61HC50N5 ATV61HC40N4
Thermal losses	750 W
Activation threshold	785 V DC +/- 1 %
Permanent braking power	400 kW at 400 V (at constant power and at engage threshold)
Protection type	Integrated thermal protection by thermal probe
Minimum resistor value to associate	0.7 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	850 V
Load factor	0.5 for 440 kW at constant power and at engage threshold 0.15 for 550 kW at constant power and at engage threshold 0.05 for 750 kW at constant power and at engage threshold
Cycle time	<= 240 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	2000 m
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