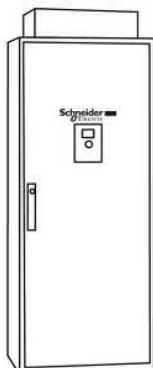


ATV cabinets



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	420 kW
Product compatibility	ATV71QC25N4 ATV71QC20N4 ATV71QC16N4 ATV71HC28N4 ATV71HC25N4 ATV71HC20N4 ATV61QC31N4 ATV61QC25N4 ATV61QC20N4 ATV61HC31N4 ATV61HC25N4
Thermal losses	550 W
Activation threshold	785 V DC +/- 1 %
Permanent braking power	200 kW at 400 V (at constant power and at engage threshold)
Protection type	Integrated thermal protection by thermal probe
Minimum resistor value to associate	1.05 Ohm

Complementary

Electrical connection	Cable, connection capacity: 2 x 95 mm ² between braking unit and braking resistors Cable between drive and braking unit
Maximum DC bus voltage	850 V
Load factor	0.5 for 250 kW at constant power and at engage threshold 0.15 for 320 kW at constant power and at engage threshold 0.05 for 420 kW at constant power and at engage threshold
Cycle time	<= 240 ms
Volume of cooling air	100 m ³ /h
Operating position	Vertical
Product weight	30 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 Dust pollution resistance class 3S3 conforming to IEC 60721-3-3 Chemical pollution resistance class 3C3 conforming to IEC 60721-3-3 Biological pollution resistance class 3B1 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