

ATV cabinets



Main

Product or component type	Resistance braking unit
Continuous power	≤ 200 kW
Thermal losses	550 W
Product compatibility	ATV61EXC2C25N4 ATV61EXC2C31N4 ATV61EXC5C25N4 ATV61EXC5C31N4 ATV61EXS5C25N4 ATV61EXS5C31N4 ATV71EXC2C20N4 ATV71EXC2C25N4 ATV71EXC2C28N4 ATV71EXC5C20N4 ATV71EXC5C25N4 ATV71EXC5C28N4 ATV71EXS5C20N4 ATV71EXS5C25N4 ATV71EXS5C28N4
Maximum permanent braking power	420 kW at 400 V (at constant power and at engage threshold)
Minimum resistor value to associate	1.05 Ohm

Complementary

Range compatibility	Altivar 61 Plus Altivar 71 Plus
Activation threshold	785 V DC ± 1 %
Maximum DC bus voltage	850 V
Load factor	5 % at 420 kW 50 % at 250 kW (at constant power and at engage threshold) 15 % at 320 kW (at constant power and at engage threshold)
Cycle time	≤ 240 s
Protection type	Integrated thermal protection by thermal probe
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
Pollution degree	2 conforming to EN 50178
Relative humidity	Class 3K3 without condensation
Operating altitude	2000 m
Vibration resistance	0.2 gn