



Main

Product or component type	Braking resistor
Range compatibility	Altivar 12 Altivar 31 Altivar 312 Altivar 61 Altivar 71 Altivar 32
Product compatibility	ATV12HU22M2 ATV12HU22M3 ATV12PU22M3 ATV312HU22M2 ATV312HU22M3 ATV312HU30M3 ATV312HU55N4 ATV312HU55S6 ATV312HU75N4 ATV312HU75S6 ATV31CU22M2 ATV31CU55N4 ATV31CU75N4 ATV31HU22M2 ATV31HU22M3X ATV31HU30M3X ATV31HU55N4 ATV31HU55S6X ATV31HU75N4 ATV31HU75S6X ATV31KU22M2 ATV31KU55N4 ATV31KU75N4 ATV61HD11Y ATV61HD15Y ATV61HU15M3 ATV61HU22M3 ATV61HU55N4 ATV61HU75N4 ATV61WD11N4 ATV61WD11N4C ATV61WU75N4 ATV61WU75N4C ATV71HD11Y ATV71HU15M3 ATV71HU22M3 ATV71HU55N4 ATV71HU75N4 ATV71HU75Y ATV71PU55N4Z ATV71PU75N4Z ATV71WU55N4 ATV71WU75N4 ATV32HU22M2 ATV32HU55N4 ATV32HU75N4 ATV61HU22S6X ATV61HU30S6X ATV61HU40S6X ATV61HU55S6X ATV61HU75S6X ATV71HU15S6X ATV71HU22S6X ATV71HU30S6X ATV71HU40S6X ATV71HU55S6X ATV71HU75S6X
Average power available	100 W at 50 °C 115 W at 40 °C
Ohmic value	60 Ohm

Complementary

Electrical connection	Terminal connection $\leq 1.5 \text{ mm}^2$ connection capacity (AWG 16) with temperature control switch Terminal connection $\leq 4 \text{ mm}^2$ connection capacity (AWG 28) with drive
Protection type	Thermal protection via drive or temperature control switch
Temperature controlled switch activation	120 °C
Temperature controlled switch voltage	24 V 250 V AC
Temperature controlled switch current	0.1...1 A
Temperature controlled switch contact resistance	$\leq 60 \text{ }\mu\text{Ohm}$
CAD overall width	95 mm
CAD overall height	293 mm
CAD overall depth	95 mm
Product weight	2.4 kg

Environment

Ambient air temperature for operation	0...50 °C
Ambient air temperature for storage	-25...70 °C
IP degree of protection	IP20
RoHS EUR status	Compliant
RoHS EUR conformity date	1039