

Main

Product or component type	Line choke
Number of phases	1 phase
Range compatibility	Altivar 61 Altivar 71
Product specific application	Reduction of current harmonics
Value of inductance	1 mH
[In] rated current	45 A
Product compatibility	ATV61HU55M3 ATV61HU75M3 ATV71HU55M3 ATV71HU75M3
Thermal losses	50 W
Electrical connection	Terminal 6 mm ² / AWG 8, 0.8...1 N.m

Complementary

Power supply frequency	50...60 Hz
Max current	1.65 x nominal current for 60 s
Voltage drop at rated load	3...5 %
Electrical insulation class	Class F
Clearance distance	5.5 mm conforming to IEC 60664
Leakage distance	11.5 mm conforming to IEC 60664
Product weight	3.5 kg
Width	133 mm
Height	150 mm
Depth	105 mm

Environment

Standards	EN 50178 IEC 60076 (with HD398) VDE 0160 level 1
IP degree of protection	IP00 (choke) IP20 (terminals)
Environmental characteristic	3B1 conforming to IEC 721-3-3 3C2 conforming to IEC 721-3-3 3S1 conforming to IEC 721-3-3
Pollution degree	2 conforming to EN 50178
Vibration resistance	1 gn (f = 13...200 Hz) conforming to IEC 60068-2-6 1.5 mm peak to peak (f = 3...13 Hz) conforming to IEC 60068-2-6
Shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27
Relative humidity	<= 95 %
Ambient air temperature for operation	> 45...< 55 °C with current derating of 2 % per °C 0...45 °C without current derating
Ambient air temperature for storage	-25...70 °C
Operating altitude	<= 1000 m without current derating 1000...3000 m with current derating 1 % per 100 m
RoHS EUR status	Compliant
RoHS EUR conformity date	0802

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