

Main

Commercial Status	Commercialised
Product or component type	Line/Motor choke
Product compatibility	<p>ATV312HU55S6 for motor choke ATV312HU40S6 for motor choke ATV312HU40N4 for motor choke ATV312HU30N4 for motor choke ATV312HU22N4 for motor choke ATV71HU55S6X for line choke ATV312HU55S6 for line choke ATV312HU40S6 for line choke ATV312HU40N4 for line choke ATV312HU30N4 for line choke ATV312HU22N4 for line choke ATV312HU15M3 for line choke ATV312HU11M3 for line choke ATV12P075M2 for motor choke ATV12HU15M3 for motor choke ATV12HU15M2 for motor choke ATV12H075M3 for motor choke ATV12H075M2 for motor choke ATV12H075F1 for motor choke LXM05D57N4 for line choke LXM05D34N4 for line choke LXM05D17M3X for line choke ATV71WU40N4 for line choke ATV71WU30N4 for line choke ATV71WU22N4 for line choke ATV71PU40N4Z for line choke ATV71PU30N4Z for line choke ATV71PU22N4Z for line choke ATV71HU75Y for line choke ATV71HU40N4 for line choke ATV71HU30N4 for line choke ATV71HU22N4 for line choke ATV71HU22M3 for line choke ATV71HU15M3 for line choke ATV71HD55Y for line choke ATV61WU40N4C for line choke ATV61WU40N4 for line choke ATV61WU30N4C for line choke ATV61WU30N4 for line choke ATV61WU22N4C for line choke ATV61WU22N4 for line choke ATV61HU75Y for line choke ATV61HU40N4 for line choke ATV61HU30N4 for line choke ATV61HU22N4 for line choke ATV61HU22M3 for line choke ATV61HU15M3 for line choke ATV61HD11Y for line choke ATV31CU40N4 for motor choke ATV31CU40N4 for line choke ATV31CU30N4 for motor choke ATV31CU30N4 for line choke ATV31CU22N4 for motor choke ATV31CU22N4 for line choke</p>
Number of phases	Three phase
Range compatibility	<p>Altivar 12 Altivar 312 Altivar 61 Altivar 71 Lexium 05 Altivar 32 Altivar 31C Altivar 312 Solar</p>

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Product specific application	Reduction of overvoltages at motor terminals Reduction of current harmonics
Value of inductance	4 mH
[In] rated current	10 A
Product compatibility	ATV12H075F1 ATV12H075M2 ATV12H075M3 ATV12HU15M2 ATV12HU15M3 ATV12P075M2 ATV12P075M3 ATV12PU15M3 ATV312HU11M3 ATV312HU15M3 ATV312HU22N4 ATV312HU30N4 ATV312HU40N4 ATV312HU40S6 ATV312HU55S6 ATV31CU22N4 ATV31CU30N4 ATV31CU40N4 ATV61HD11Y ATV61HU15M3 ATV61HU22M3 ATV61HU22N4 ATV61HU30N4 ATV61HU40N4 ATV61HU75Y ATV61WU22N4 ATV61WU22N4C ATV61WU30N4 ATV61WU30N4C ATV61WU40N4 ATV61WU40N4C ATV71HD55Y ATV71HU15M3 ATV71HU22M3 ATV71HU22N4 ATV71HU30N4 ATV71HU40N4 ATV71HU75Y ATV71PU22N4Z ATV71PU30N4Z ATV71PU40N4Z ATV71WU22N4 ATV71WU30N4 ATV71WU40N4 LXM05D17M3X LXM05D34N4 LXM05D57N4 ATV32HU22N4 ATV32HU30N4 ATV32HU40N4 ATV61HU30S6X ATV61HU40S6X ATV61HU55S6X ATV71HU30S6X ATV71HU40S6X ATV71HU55S6X
Thermal losses	65 W
Electrical connection	Terminal 2.5 mm ² / AWG 12, 0.4...0.6 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 kg
Width	130 mm

Height	155 mm
Depth	90 mm

Environment

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

RoHS compliance

RoHS EUR status	Compliant
RoHS EUR conformity date(Y Y W W)	0801

Contractual warranty

Period	18 months
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