

### Main

Product or component type	Line choke
Network number of phases	3 phases
Product specific application	Reduction of current harmonics
Value of inductance	0.085 mH
[In] rated current	300 A
Saturation current	474 A
Thermal losses	315 W
Electrical connection	Bare wires 11 mm

### Complementary

Supply frequency	50...60 Hz
Quantity per drive	2 per drive ATV71HC40Y 2 per drive ATV61HC50Y
Product compatibility	ATV61HC16N4D ATV61HC50Y ATV61HD75M3XD ATV71HC40Y
Max current	1.65 x nominal current 60 s
Voltage drop at rated load	3...5 %
Electrical insulation class	Class F
Clearance distance	5.5 mm IEC 60664
Leakage distance	11.5 mm IEC 60664
Product weight	46 kg

### Environment

Standards	EN 50178 IEC 60076 (with HD398) VDE 0160 level 1
IP degree of protection	IP00 choke IP00 terminals
Environmental characteristic	3B1 IEC 721-3-3 3C2 IEC 721-3-3 3S1 IEC 721-3-3
Pollution degree	2 EN 50178
Vibration resistance	1 gn 13...200 Hz IEC 60068-2-6 1.5 mm peak to peak 3...13 Hz IEC 60068-2-6
Shock resistance	15 gn 11 ms 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 derating
RoHS EUR conformity date	4Q2009
RoHS EUR status	Will be compliant