



Main

Range of product	Altivar
Product or component type	Line choke
Product compatibility	ATV61HC22N4D - line choke - 2 per drive ATV61HC25N4D - line choke - 2 per drive ATV61HC50N4D - line choke - 1 per drive ATV61QC25N4 - line choke - 1 per drive ATV71HC20N4 - line choke - 1 per drive ATV71HC40N4 - line choke - 1 per drive ATV71QC20N4 - line choke - 1 per drive ATV61HD90M3X - line choke - 1 per drive
Number of phases	Three phase
Range compatibility	Altivar 61 Altivar 71 Altivar 61Q Altivar 71Q
Device application	Reduction of current harmonics
Value of inductance	0.06 mH
[In] rated current	450 A
Saturation current	574 A
Thermal losses	335 W
Electrical connection	Bare wires diameter: 13 mm

Complementary

Power supply frequency	50...60 Hz
Max current	1.65 x nominal current (duration = 60 s)
Maximum voltage drop at rated load	5 %
Electrical insulation class	Class F
Minimum clearance distance	5.5 mm IEC 60664
Leakage distance	11.5 mm conforming to IEC 60664
Net weight	70 kg
Width	320 mm
Height	385 mm
Depth	250 mm

Environment

Standards	EN 50178 VDE 0160 level 1 IEC 60076 (with HD398)
IP degree of protection	Choke: IP00 Terminals: IP00
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	0...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

Packing Units

Package 1 Weight	75.000 kg
Package 1 Height	5.000 dm
Package 1 width	3.850 dm
Package 1 Length	5.800 dm

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration

Contractual warranty

Warranty	18 months
----------	-----------