



Main

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| Range of product | Altivar |
| Product or component type | Line choke |
| Product compatibility | ATV61HC31N4D - line choke - 2 per drive ATV61HC63N4D - line choke - 2 per drive ATV61QC31N4 - line choke - 1 per drive ATV71HC25N4 - line choke - 1 per drive ATV71HC28N4 - line choke - 1 per drive ATV71HC50N4 - line choke - 1 per drive ATV71QC25N4 - line choke - 1 per drive |
| Number of phases | Three phase |
| Range compatibility | Altivar 61 Altivar 71Q Altivar 71 Altivar 61Q |
| Device application | Reduction of current harmonics |
| Value of inductance | 0.038 mH |
| [In] rated current | 613 A |
| Saturation current | 1150 A |
| Thermal losses | 307 W |
| Electrical connection | Bare wires diameter: 13 mm |

Complementary

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| 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 | 73 kg |
| Width | 385 mm |
| Height | 440 mm |
| Depth | 265 mm |

Environment

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|---------------------------------------|---|
| Standards | VDE 0160 level 1 EN 50178 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) |

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| Ambient air temperature for storage | -25...70 °C |
| Operating altitude | <= 1000 m without derating 1000...3000 m with current derating 1 % per 100 m |

Packing Units

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| Package 1 Weight | 83.000 kg |
| Package 1 Height | 4.200 dm |
| Package 1 width | 3.800 dm |
| Package 1 Length | 5.800 dm |

Offer Sustainability

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|----------------------------|--|
| 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

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| Warranty | 18 months |
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