



Main

Product or component type	EMC input filter
Range compatibility	Altivar 21 Altivar 31 Lexium 05
Product compatibility	ATV21HD11N4 ATV21HU55M3X ATV21HU75M3X ATV21HU75N4 ATV31CU55N4 ATV31CU75N4 ATV31HU55M3X ATV31HU55N4 ATV31HU75M3X ATV31HU75N4 ATV31KU55N4 ATV31KU75N4 LXM05AD57N4 LXM05BD57N4 LXM05CD57N4
Product specific application	Radio interference input filter
[In] rated current	47 A
Thermal losses	1.9 W for ATV21HU75N4 3.7 W for ATV21HU55M3X 3.9 W for ATV21HD11N4 6.8 W for ATV21HU75M3X 19.3 W for ATV31CU55N4
Network number of phases	Three phase

Complementary

Electrical connection	Terminal , connection capacity: 25 mm² (AWG 2)
Tightening torque	4.5 N.m
Maximum earth leakage current	20.6 mA at 480 V 60 Hz 42.8 mA at 480 V 60 Hz 45 mA 50 Hz
Power supply voltage	200...240 V 380...500 V
Tolerance	10 %
Product weight	3.15 kg

Environment

IP degree of protection	IP20 IP41 (upper part)
Relative humidity	≤ 93 % conforming to IEC 68-2-3
Ambient air temperature for operation	-10...50 °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 ≤ 1000 m without derating
Vibration resistance	1 gn (f = 13...150 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 EN/IEC 60068-2-27
Standards	EN/IEC 61800-3 EN 133200