

Main

Product or component type	EMC input filter
Range compatibility	Altivar 31 Lexium 05
Product compatibility	ATV31CU11M2 ATV31CU15M2 ATV31HU11M2 ATV31HU15M2 ATV31KU11M2 ATV31KU15M2 LXM05AD17F1 LXM05AD17M2 LXM05BD17F1 LXM05BD17M2 LXM05CD17M2
Product specific application	Radio interference input filter
[In] rated current	16 A
Thermal losses	6.9 W for ATV31CU11M2
Network number of phases	Single phase

Complementary

Maximum earth leakage current	150 mA 50 Hz
Power supply voltage	200...240 V
Tolerance	10 %
Product weight	0.775 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
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