



Main

Product or component type	EMC input filter
Range compatibility	Altivar 31 Lexium 05 Lexium SD3
Product compatibility	ATV31C018M2 ATV31C037M2 ATV31C055M2 ATV31C075M2 ATV31H018M2 ATV31H037M2 ATV31H055M2 ATV31H075M2 ATV31K018M2 ATV31K037M2 ATV31K055M2 ATV31K075M2 LXM05AD10F1 LXM05AD10M2 LXM05BD10F1 LXM05BD10M2 LXM05CD10M2
Product specific application	Radio interference input filter
[In] rated current	9 A
Thermal losses	3.7 W for ATV31C018M2
Network number of phases	Single phase

Complementary

Maximum earth leakage current	100 mA 50 Hz
Power supply voltage	200...240 V
Tolerance	10 %
Product weight	0.6 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