

Main

Product or component type	EMC input filter
Range compatibility	Altivar 31 Lexium 05
Product compatibility	ATV31H018M3X ATV31H037M3X ATV31H055M3X ATV31H075M3X LXM05AD10M3X LXM05BD10M3X
Product specific application	Radio interference input filter
[In] rated current	7 A
Thermal losses	2.6 W for ATV31H018M3X
Network number of phases	Three phase

Complementary

Maximum earth leakage current	7 mA 50 Hz
Power supply voltage	200...240 V
Tolerance	10 %
Product weight	0.55 kg 0.65 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