



Main

Product or component type	Line filter module
Device short name	LFM
Network number of phases	3 phases
[Us] rated supply voltage	380...480 V (+/- 10 %)
Network frequency	50/60 Hz
Range compatibility	Altivar 61 Altivar 71
Product specific application	Component of the Active Front End
Assembly style	Built-in unit
Type of cooling	Natural convection
Product destination	1 active infeed converter (AIC) VW3A7251 1 active infeed converter (AIC) VW3A7252

Complementary

Maximum number of switchings	10 per hour
Line current	255 A at 50 °C
Thermal losses	360 W
Electrical connection	Bar M10 - 95 mm ² 24 N.m (PE) Terminal - 2.5 mm ² 0.6...0.8 N.m (X1:1...X1:6) Bar M10 - 2 x 95 mm ² 24 N.m (1L1, 1L2, 1L3) Bar M12 - 2 x 95 mm ² 14...31 N.m (2L1, 2L2, 2L3) Bar M10 - 150 mm ² 24 N.m (1L1, 1L2, 1L3) Bar M12 - 185 mm ² 14...31 N.m (2L1, 2L2, 2L3)
Output type	Control electronics for AIC and inverter 24 V DC Fan for AIC and 4 inverters of the same power 380...480 V AC
Height	730 mm
Width	290 mm
Depth	379 mm
Product weight	80 kg

Environment

Environmental characteristic	3K3 conforming to EN/IEC 60721-3-3 3C2 conforming to EN/IEC 60721-3-3 3S2 conforming to EN/IEC 60721-3-3
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Relative humidity	0...95 %
Ambient air temperature for operation	-10...45 °C -10...60 °C with current derating of 2 % per °C
Ambient air temperature for storage	-25...70 °C
Operating altitude	1000...3000 m with current derating 1 % per 100 m <= 1000 m
Pollution degree	2 conforming to EN/IEC 61800-5-1
Vibration resistance	1.5 mm (f = 3...10 Hz) conforming to IEC 60068-2-6 0.6 gn (f = 10...200 Hz) conforming to IEC 60068-2-6
Shock resistance	7 gn for 11 ms conforming to EN/IEC 60068-2-27
IP degree of protection	IP00
Product certifications	CE UL (pending) CSA (pending)

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1007 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold

Contractual warranty

Warranty period	18 months
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