

Product datasheet

Specifications



line filter module - 430 kW - 500...690 V

VW3A7264

⚠ Discontinued on: 31 Dec 2024

⚠ To be end-of-service on: 31 Dec 2032

⚠ Discontinued

Main

Product or component type	Line filter module
Device short name	LFM
Network number of phases	3 phases
[Us] rated supply voltage	500...690 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) VW3A7273 1 active infeed converter (AIC) VW3A7274 1 active infeed converter (AIC) VW3A7275 2 active infeed converter (AIC) VW3A7276 2 active infeed converter (AIC) VW3A7277 2 active infeed converter (AIC) VW3A7278

Complementary

Maximum number of switchings	10 per hour
Line current	360 A at 50 °C
Thermal losses	560 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 150 mm ² 24 N.m (1L1, 1L2, 1L3) Bar M10 - 2 x 150 mm ² 24 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 500...690 V AC
Height	1100 mm
Width	290 mm
Depth	390 mm
Product weight	125 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
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 m 1000...2400 m with current derating 1 % per 100 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	UL (pending) CSA (pending) CE

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	53.0 cm
Package 1 Width	38.0 cm
Package 1 Length	129.0 cm
Package 1 Weight	155.0 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

SCIP Number

8f328727-fe62-418b-b636-3e71b96b771f

EU RoHS Directive

[Compliant By Exemption](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

Take-back

No