

Product datasheet

Specifications



line filter module - 175 kW - 380...480 V

VW3A7261

⚠ Discontinued on: 24 Apr 2025

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

⚠ Discontinued

EAN Code: 3606480216039

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 |
| Net 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 |
| 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...3000 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 | CSA (pending) CE UL (pending) |

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 | 120.0 kg |

Contractual warranty

| | |
|-----------------------------|----|
| Warranty (in months) | 18 |
|-----------------------------|----|



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