MICROMASTER LINE FILTER

Product Data Sheet

6SE6400-2FA00-6AD0

Six-Ampere Three-Phase Line Filter

RATED FILTER CURRENT	LINE VOLTAGE	NUMBER OF SUPPLY PHASES	INGRESS PROTECTION
6.0 A	**200 to 480 V AC**	**3**	**IP20**

Siemens 6SE6400-2FA00-6AD0 is a three-phase line filter for the MICROMASTER drive environment. It is rated 6.0 A on 200 to 480 V AC supplies and uses an IP20 assembly. The filter is a separate EMC component rather than a frequency converter or a motor overload device.

01 TECHNICAL DATA

Rated filter current	6.0 A
Line voltage	200 to 480 V AC
Number of supply phases	3
Ingress protection	IP20
Line-side connection	Screw-type terminal
Line conductor cross-section	1.0 to 2.5 mm2
Load-side connection	Pigtail
Load-side cable length	0.46 m
Protective-earth connection	M4 stud
Listed compliance	CE / UL

02 ADDITIONAL PRODUCT DATA

The supply side uses screw terminals accepting 1.0 to 2.5 mm2 conductors. The load side has a 0.46 m pigtail, while protective earth connects to an M4 stud. These connection details define the mechanical and electrical interface to the selected drive installation and must be maintained when replacing the filter.

03 PRODUCT FUNCTION

Select the line filter against the actual three-phase drive supply and current demand. Its 6.0 A rating applies to a 200 to 480 V AC supply; the filter does not increase the current capability or voltage rating of the connected inverter.

04 SYSTEM COMPATIBILITY

Connect the feeder to the screw-terminal line side and the drive to the load-side pigtail. Use the specified 1.0 to 2.5 mm2 conductor range and maintain the protective-earth connection at the M4 stud. Follow the drive EMC instructions for the complete installation.

05 REFERENCE

Siemens 6SE6400-2FA00-6AD0 official product data; applicable specification pages.

AMIKON PRODUCT SUPPORT

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