6SE7021-5FS87-1FE0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6se7021-5fs87-1fe0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

DC Link Voltage	510 to 720 V DC
Line Voltage	380 to 480 V 3 AC
Rated Current	5 A
Maximum Current	10 A
Rated Inductance	1,243 µH
Power Loss	0.08 kW
Connection Type	Screw-type terminals for 4 mm²
PE Connection	M6 screw stud mm
Maximum Permissible Output Frequency	120 Hz
Pulse Frequency	4 kHz

Description

The Siemens 6SE7021-5FS87-1FE0 is a motor reactor designed for use with Siemens SINAMICS and SIMOVERT MASTERDRIVES systems. It operates at a DC link voltage of 510 to 720 V DC or a line voltage of 380 to 480 V 3 AC, with a rated current of 5 A and a maximum current of 10 A.

The reactor features a rated inductance of 1,243 µH and a power loss of 0.08 kW. It is equipped with screw-type terminals for 4 mm² connections and an M6 screw stud for the PE connection. The maximum permissible output frequency is 120 Hz, and it is designed for a pulse frequency of 4 kHz.

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The reactor should be installed as close as possible to the Motor Module to ensure optimal performance. This component is ideal for applications requiring efficient voltage reduction and filtering in industrial drive systems.

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