

MICROMASTER 440 CHASSIS DRIVES

Product Data Sheet

6SL3351-6FE33-8AA1

MICROMASTER control interface board

FUNCTION	FAMILY	ORIGIN	WEIGHT
MICROMASTER control interface board	MICROMASTER 440 chassis drives	Germany	0.4 kg

Siemens MICROMASTER 6SL3351-6FE33-8AA1 is a MICROMASTER control interface board for the MICROMASTER 440 chassis drives. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	MICROMASTER control interface board
Drive Family	MICROMASTER 440 chassis drives
Primary Function	Interfaces the controller with a 380 A low-voltage power stage
Power Architecture	Low-voltage CIB electronics
Voltage Class	200–240 V AC class
Current Rating	380 A drive class
Power Section	Chassis power section
Mechanical Design	Plug-in CIB assembly
Electrical Interface	Gate, current and auxiliary connectors
Commissioning Check	Check 380 A firing and feedback paths

- Apply the 380 A power stage: Use 6SL3351-6FE33-8AA1 to interface the controller with a 380 A low-voltage power stage within the documented MICROMASTER 440 chassis drives. Confirm the chassis power section, electrical class and controlled system drawing before work.
- Prepare the gate-current coordination: Record gate, current and auxiliary connectors, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact 380 A low-voltage CIB arrangement during replacement.
- Complete the CIB firing validation: Check 380 A firing and feedback paths. Review Siemens diagnostics and record the final 380 A low-voltage CIB result before returning the affected function to service.

Match 6SL3351-6FE33-8AA1 to the installed MICROMASTER 440 chassis drives, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

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