

SEMIKRON POWER SEMICONDUCTOR MODULES

Product Data Sheet

SKKH570/16E

thyristor diode module

FUNCTION thyristor diode module	FAMILY SEMIKRON power semiconductor modu	ORIGIN Germany	WEIGHT 1.4 kg
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SEMIKRON SKKH570/16E is a thyristor diode module for the SEMIKRON power semiconductor modules. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	thyristor diode module [SKKH570/16E P01]
Drive Family	SEMIKRON power semiconductor modules [SKKH570/16E P02]
Primary Function	Switches controlled high-current AC power [SKKH570/16E P03]
Power Architecture	SKKH570/16E industrial architecture [SKKH570/16E P04]
Voltage Class	1600 V repetitive blocking [SKKH570/16E P05]
Current Rating	570 A average on-state [SKKH570/16E P06]
Control Supply	250 mA gate trigger class [SKKH570/16E P07]
Power Section	SEMIKRON power semiconductor modules service section [SKKH570/16E P08]
Mechanical Design	SKKH570/16E service assembly [SKKH570/16E P09]
Electrical Interface	Isolated baseplate power terminals [SKKH570/16E P10]

ADDITIONAL PRODUCT DATA

Cooling Integration	SEMIKRON power semiconductor modules cooling practice [SKKH570/16E P11]
Board Designation	SKKH570/16E exact designation [SKKH570/16E P12]
Service Role	SKKH570/16E maintenance role [SKKH570/16E P13]
Product Status	SKKH570/16E identity verification [SKKH570/16E P14]
Commissioning Check	Validate SKKH570/16E diagnostics and function [SKKH570/16E P15]

OFFICIAL APPLICATIONS

- Apply the thyristor diode module: Use SKKH570/16E to switches controlled high-current ac power within the documented SEMIKRON power semiconductor modules. Confirm its electrical class, installed position and controlled equipment drawings before work.
- Match the Isolated baseplate power terminals: Record connector keying, cable labels, shielding, protective earth and adjacent assemblies. Preserve the documented interface and mechanical arrangement during exchange.
- Validate the restored function: After installation, run the applicable diagnostics, verify the connected equipment response and record the final acceptance results before returning the system to service.

SYSTEM COMPATIBILITY

Match SKKH570/16E to the installed SEMIKRON power semiconductor modules, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[SEMIKRON manufacturer documentation](#)

AMIKON PRODUCT SUPPORT

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