


SCR Module 1800V 19000A 7-Pin Case A-60B

Manufacturer:	Semikron, Inc
Package/Case:	MODULE
Product Type:	MODULE
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The SKKT 570/18E is a three-phase thyristor module designed for high-power applications. It consists of six thyristors connected in a three-phase bridge configuration. Thyristor modules are commonly used in applications where high voltage and current switching is required, such as in motor drives, power converters, and other high-power electronic systems.

Key Features

High voltage and current capability: The SKKT 570/18E module is designed to handle high voltage levels (typically around 1800V) and high continuous current levels (typically around 570A), allowing it to handle significant power levels.

Three-phase bridge configuration: It consists of six thyristors connected in a three-phase bridge configuration, enabling bidirectional current flow and control of AC power.

Screw terminals: The module is typically equipped with screw terminals, providing convenient and secure connections for power and control signals.

Electrical insulation: The module features electrical insulation between the thyristors and the mounting base, ensuring safe operation and preventing electrical shorts.

High reliability and robustness: Thyristor modules are designed for high reliability and are built to withstand harsh operating conditions and high-power switching.

Application

Motor drives: It can be used in motor control circuits to provide efficient and reliable control of three-phase AC motors.

Power converters: The module is suitable for power conversion applications, such as in AC-to-DC converters, DC-to-AC inverters, and other power conversion systems.

Power supplies: It can be employed in high-power AC/DC power supplies and UPS (Uninterruptible Power Supply) systems.

Industrial applications: Thyristor modules are commonly used in various industrial applications, including welding machines, electric heating systems, and industrial automation equipment.

Recommended For You

SK25GH063

Semikron, Inc

MODULE

SKM200GB176D

Semikron, Inc

MODULE

SKM100GB12V

Semikron, Inc

MODULE

SKMI50GAL12V

Semikron, Inc

MODULE

SKM200GB12E4

Semikron, Inc

MODULE

SKM400GB12V

Semikron, Inc

MODULE

SK50GB065

Semikron, Inc

MODULE

SKM50GB063D

Semikron, Inc

MODULE

SKHI22AH4R

Semikron, Inc

MODULE

SKD30/16 A1

Semikron, Inc

MODULE

SKD146/16-L140T4

Semikron, Inc

MODULE

SKMB00GA12T4

Semikron, Inc

MODULE

SKT10/12E

Semikron, Inc

MODULE

SKKT250/16E

Semikron, Inc

MODULE

SKKH 92/16 E

Semikron, Inc

SEMIPACK1