

ABB DRIVES

Product Data Sheet

3BHB003154R0101 5SXE03-0141

igct thyristor

FUNCTION igct thyristor	FAMILY ABB Drives	ORIGIN Switzerland	WEIGHT 2.56 kg
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ABB Drives 3BHB003154R0101 5SXE03-0141 is a igct thyristor for the ABB Drives. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	3BHB003154R0101 5SXE03-0141
Device Designation	5SXE03-0141
Product Family	ABB Drives
Semiconductor Type	IGCT
Switching Position	Drive power converter stage
Gate Interface	Matched ABB gate unit
Cooling Interface	Converter heat-sink mounting
Electrical Matching	Exact voltage and current class
Installation Format	Power semiconductor module
Protective Check	Insulation and gate-circuit test

ADDITIONAL PRODUCT DATA

System Interface	ABB converter power stage
Replacement Basis	Exact article and device code
Commissioning Check	Gate pulses and phase-current balance
Service Position	Documented converter phase position
Configuration Basis	Installed drive hardware list

OFFICIAL APPLICATIONS

- Operate the documented igct thyristor: Use 3BHB003154R0101 5SXE03-0141 only in the ABB Drives equipment position identified by the installed hardware list. Match the complete ABB article code, board designation and electrical interface before work begins.
- Restore every recorded connection: Photograph connector keying, terminal references, cable routing, protective earth and adjacent assemblies for 3BHB003154R0101 5SXE03-0141. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHB003154R0101 5SXE03-0141, check power-up indications, controller or converter diagnostics and the affected control function. Record measured results and maintenance acceptance before returning the equipment to service.

SYSTEM COMPATIBILITY

Match 3BHB003154R0101 5SXE03-0141 to the installed ABB Drives, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Drives documentation](#)

<https://new.abb.com/control-systems>

AMIKON PRODUCT SUPPORT

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