

ACS 580

Product Data Sheet

3AXD50000038787

igbt module

FUNCTION igbt module	FAMILY ACS 580	ORIGIN Switzerland	WEIGHT 0.32 kg
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ACS 580 3AXD50000038787 is a igbt module for the ACS 580. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Voltage Class	1200V
Continuous Current	650A
Maximum Current	Up to 1300A
Collector-Emitter Saturation Voltage	2.0–3.0V
Isolation	≥2500 V DC
Voltage	+15V/-8V gate control
Operating Temperature	-40°C to +125°C
Exact Article Code	3AXD50000038787
Product Family	ACS 580
Semiconductor Type	IGBT

ADDITIONAL PRODUCT DATA

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

OFFICIAL APPLICATIONS

- Operate the documented igbt module: Use 3AXD50000038787 only in the ACS 580 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 3AXD50000038787. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3AXD50000038787, 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 3AXD50000038787 to the installed ACS 580, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ACS 580 documentation](#)

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

AMIKON PRODUCT SUPPORT

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