

ACS 380

Product Data Sheet

3AXD50000711888 2MBI1400VXB-120P-50

igbt module

FUNCTION igbt module	FAMILY ACS 380	ORIGIN Switzerland	WEIGHT 0.26 kg
--------------------------------	--------------------------	------------------------------	--------------------------

ACS 380 3AXD50000711888 2MBI1400VXB-120P-50 is a igbt module for the ACS 380. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Max Collector-Emitter Voltage	1400 V
Rated Collector Current	120 A
Max Power Dissipation	400–600 W
Gate-Emitter Voltage	±20 V
Switching Frequency Range	1 kHz – 20 kHz
Temperature	150°C – 175°C
Exact Article Code	3AXD50000711888 2MBI1400VXB-120P-50
Device Designation	2MBI1400VXB-120P-50
Product Family	ACS 380
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 3AXD50000711888 2MBI1400VXB-120P-50 only in the ACS 380 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 3AXD50000711888 2MBI1400VXB-120P-50. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3AXD50000711888 2MBI1400VXB-120P-50, 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 3AXD50000711888 2MBI1400VXB-120P-50 to the installed ACS 380, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ACS 380 documentation](#)

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

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM