

ABB ADVANT OCS AND ADVANT-800XA

Product Data Sheet

3BHB003230R0101 GVC704 AE01

igct module

FUNCTION igct module	FAMILY ABB Advant OCS and Advant-800xA	ORIGIN Switzerland	WEIGHT 1.25 kg
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ABB Advant OCS and Advant-800xA 3BHB003230R0101 GVC704 AE01 is a igct module for the ABB Advant OCS and Advant-800xA. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Voltage Rating	4500 V (VCES)
Current Rating	2100 A (ITAVM)
Power Losses	1.0-2.5 kW
Operating Temperature	-40°C to +125°C
Storage Temperature	-40°C to +85°C
Humidity	< 95% RH (non-condensing)
Exact Article Code	3BHB003230R0101 GVC704 AE01
Device Designation	GVC704 AE01
Product Family	ABB Advant OCS and Advant-800xA
Semiconductor Type	IGCT

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 igct module: Use 3BHB003230R0101 GVC704 AE01 only in the ABB Advant OCS and Advant-800xA 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 3BHB003230R0101 GVC704 AE01. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHB003230R0101 GVC704 AE01, 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 3BHB003230R0101 GVC704 AE01 to the installed ABB Advant OCS and Advant-800xA, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Advant OCS and Advant-800xA documentation](#)

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

AMIKON PRODUCT SUPPORT

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