

ABB ADVANT OCS AND ADVANT-800XA

Product Data Sheet

3BHB005243R0105 KUC755 AE105 3BHB004791R0101

gate unit power

FUNCTION	FAMILY	ORIGIN	WEIGHT
gate unit power	ABB Advant OCS and Advant-800xA	Switzerland	4.6 kg

ABB Advant OCS and Advant-800xA 3BHB005243R0105 KUC755 AE105 3BHB004791R0101 is a gate unit power 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

Input Voltage	20 - 30V DC
Output Power	50W - 100W
Isolation	> 2500V AC
Efficiency	> 85% (typical)
Operating Temperature	0°C to +70°C
Storage Temperature	-40°C to +85°C
Humidity	5-95% RH (non-condensing)
Exact Article Code	3BHB005243R0105 KUC755 AE105 3BHB004791R0101
Board Designation	KUC755 AE105 3BHB004791R0101
Product Family	ABB Advant OCS and Advant-800xA

ADDITIONAL PRODUCT DATA

Component Type	Gate Unit Power
Assembly Class	ABB PCB assembly
System Interface	ABB Advant OCS and Advant-800xA control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors

OFFICIAL APPLICATIONS

- Operate the documented gate unit power: Use 3BHB005243R0105 KUC755 AE105 3BHB004791R0101 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 3BHB005243R0105 KUC755 AE105 3BHB004791R0101. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHB005243R0105 KUC755 AE105 3BHB004791R0101, 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 3BHB005243R0105 KUC755 AE105 3BHB004791R0101 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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