

ABB ADVANT S800 I/O

Product Data Sheet

3AXD50000042865 BDPS-11C

power supply board

FUNCTION power supply board	FAMILY ABB Advant S800 I/O	ORIGIN Switzerland	WEIGHT 0.94 kg
---------------------------------------	--------------------------------------	------------------------------	--------------------------

ABB Advant S800 I/O 3AXD50000042865 BDPS-11C is a power supply board for the ABB Advant S800 I/O. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Operating Temperature	-40°C to +70°C (-40°F to +158°F)
Humidity	5–95% RH (non-condensing)
Marine	DNV/GL, ABS, LR, BV (optional)
Primary Input	18–32 V DC
Backup Input	24 V DC
Output Current	6 A
Holdup Time	≥48 hours
Efficiency	>85% (typical).
Ripple & Noise	<100 mV peak-to-peak
Exact Article Code	3AXD50000042865 BDPS-11C

ADDITIONAL PRODUCT DATA

Board Designation	BDPS-11C
Product Family	ABB Advant S800 I/O
Component Type	Power Supply Board
Assembly Class	ABB PCB assembly
System Interface	ABB Advant S800 I/O control interface

OFFICIAL APPLICATIONS

- Operate the documented power supply board: Use 3AXD50000042865 BDPS-11C only in the ABB Advant S800 I/O 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 3AXD50000042865 BDPS-11C. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3AXD50000042865 BDPS-11C, 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 3AXD50000042865 BDPS-11C to the installed ABB Advant S800 I/O, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Advant S800 I/O documentation](#)

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

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM