

PROCONTIC B

Product Data Sheet

07 NG 82 R4

industrial power supply

FUNCTION industrial power supply	FAMILY Procontic B	ORIGIN Germany	WEIGHT 0.1 kg
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Procontic B 07 NG 82 R4 is a industrial power supply for the Procontic B. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Manufacturer	ABB
Exact Article Code	07 NG 82 R4
Product Family	Procontic B
Component Type	Industrial Power Supply
System Class	DCS System
Mounting Format	Plug-in control rack
System Interface	ABB Procontic rack bus
Control Supply	24 V DC control class
Channel Capacity	Dual DC supply rails
Signal Standard	5 V DC and 24 V DC outputs

ADDITIONAL PRODUCT DATA

Electrical Isolation	Isolated field circuits
Operating Temperature	0 to +55 °C cabinet range
Protection Level	IP20 control cabinet
Configuration Tool	907 PC 332 engineering
Commissioning Test	I/O and diagnostic functional test

OFFICIAL APPLICATIONS

- Operate the documented industrial power supply: Use 07 NG 82 R4 in the specified Procontic B position with the documented supply, signal range and system interface. Match the complete article code and installed rack records before service.
- Restore every documented connection: Record terminal numbers, connector keying, rack position, shields and protective earth for 07 NG 82 R4. Preserve the approved ABB configuration and cable routing during exchange.
- Validate the restored control function: After fitting 07 NG 82 R4, check power and module diagnostics, then test the affected I/O, communication, controller or measurement function at a safe operating point and record acceptance.

SYSTEM COMPATIBILITY

Match 07 NG 82 R4 to the installed Procontic B, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

ABB Procontic B manufacturer documentation

<https://library.e.abb.com/public/6f79e6968bc02d75c1257c2100539bd2/GATS121401R2003.pdf>

AMIKON PRODUCT SUPPORT

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