

PROCONTIC CS31

# Product Data Sheet

**07 EA 90-S**

analog input module

|                                        |                                 |                          |                         |
|----------------------------------------|---------------------------------|--------------------------|-------------------------|
| FUNCTION<br><b>analog input module</b> | FAMILY<br><b>Procontic CS31</b> | ORIGIN<br><b>Germany</b> | WEIGHT<br><b>0.5 kg</b> |
|----------------------------------------|---------------------------------|--------------------------|-------------------------|

Procontic CS31 07 EA 90-S is a analog input module for the Procontic CS31. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                    |                        |
|--------------------|------------------------|
| Manufacturer       | ABB                    |
| Exact Article Code | 07 EA 90-S             |
| Product Family     | Procontic CS31         |
| Component Type     | Analog Input Module    |
| 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   | 8 analog inputs        |
| Signal Standard    | Analog process signals |

## 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 analog input module: Use 07 EA 90-S in the specified Procontic CS31 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 EA 90-S. Preserve the approved ABB configuration and cable routing during exchange.
- Validate the restored control function: After fitting 07 EA 90-S, 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 EA 90-S to the installed Procontic CS31, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

## OFFICIAL SOURCES

**ABB Procontic CS31 manufacturer documentation**

<https://library.e.abb.com/public/8242193bfc8ef0d3c1257c2100539c14/2CDC120026M0202.pdf>

AMIKON PRODUCT SUPPORT

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