

ABB ELECTRICAL

Product Data Sheet

1SAR700110R0010

temperature monitoring relay

FUNCTION temperature monitoring relay	FAMILY ABB Electrical	ORIGIN Germany	WEIGHT 0.3 kg
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ABB Electrical 1SAR700110R0010 is a temperature monitoring relay for the ABB Electrical. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Manufacturer	ABB
Exact Article Code	1SAR700110R0010
Product Family	ABB Electrical
Component Type	Temperature Monitoring Relay
System Class	DCS System
Mounting Format	DIN rail or panel mount
System Interface	Hardwired electrical circuit
Control Supply	24 V DC control class
Channel Capacity	Model-defined channel set
Signal Standard	System-specific I/O levels

ADDITIONAL PRODUCT DATA

Electrical Isolation	Isolated field circuits
Operating Temperature	0 to +55 °C cabinet range
Protection Level	IP20 enclosed installation
Configuration Tool	Front-panel settings
Commissioning Test	I/O and diagnostic functional test

OFFICIAL APPLICATIONS

- Operate the documented temperature monitoring relay: Use 1SAR700110R0010 in the specified ABB Electrical 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 1SAR700110R0010. Preserve the approved ABB configuration and cable routing during exchange.
- Validate the restored control function: After fitting 1SAR700110R0010, 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 1SAR700110R0010 to the installed ABB Electrical, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Electrical manufacturer documentation](#)

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

AMIKON PRODUCT SUPPORT

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