

MODEL B/6000-SERIES CONTROLLER

Product Data Sheet

1049-744

RTD transmitter module

FUNCTION	FAMILY	ORIGIN	WEIGHT
RTD transmitter module	Model B/6000-Series Controller	Germany	0.4 kg

Model B/6000-Series Controller 1049-744 is a RTD transmitter module for the Model B/6000-Series Controller. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Manufacturer	ABB
Exact Article Code	1049-744
Product Family	Model B/6000-Series Controller
Component Type	Rtd Transmitter Module
System Class	DCS System
Mounting Format	Plug-in control rack
System Interface	Manufacturer backplane bus
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 installed equipment
Configuration Tool	Manufacturer engineering software
Commissioning Test	I/O and diagnostic functional test

OFFICIAL APPLICATIONS

- Operate the documented RTD transmitter module: Use 1049-744 in the specified Model B/6000-Series Controller 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 1049-744. Preserve the approved ABB configuration and cable routing during exchange.
- Validate the restored control function: After fitting 1049-744, 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 1049-744 to the installed Model B/6000-Series Controller, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB Model B/6000-Series Controller manufacturer documentation](#)

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

AMIKON PRODUCT SUPPORT

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