

# RT-EX-9041D

## 14 x Digital Inputs

The EX9041D is high-quality and low-cost add-on data acquisition device that allows expanding the on-board digital input capabilities on X32-based RTCU units almost indefinitely and completely transparent using MODBUS communication protocol.

The EX9041D uses EIA RS-485 - the industry's most widely used bi-directional, balanced transmission line standard. It lets the module transmit and receive data at high data rates over long distances.

The EX9041D can expand the RTCU with 14 additional digital inputs.



The EX9041D works in a variety of environments and applications, including:

- Factory automation and control
- SCADA applications
- HVAC applications
- Remote measuring, monitoring and control
- Security and alarm systems, etc.

## Technical Data

Input Channel	14
Isolation	Isolation with Common Sources
Isolation Voltage	3750 Vrms
Digital Level 0	+1 V max
Digital Level 1	+4 V to +30 V
Input Impedance	3K Ohms
Power Input	+10 V to + 30 V
Power Consumption	0,9 W
Operating Temperature	-25 ~ 75°C
Dual Watchdog Timer	√

**For more information:**

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