RT-EX-9044D

4 x Digital Inputs / 8 x Digital Outputs

The EX9044D is high-quality and low-cost add-on data acquisition device that allows expanding the on-board digital input/output capabilities on X32-based RTCU units almost indefinitely and completely transparent using MODBUS communication protocol.

The EX9044D 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 EX9044D can be used to expand the RTCU with additional 4 digital inputs and 8 digital outputs.

The EX9044D 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 Channels	4
• Isolation	Isolation with common sources
• Isolation Voltage	3750 Vrms
• Over-voltage Protect	70 VDC
• ESD (Electro Static Discharge)	2000 VDC
• Input Voltage	Digital Level 0: 1 V max
	Digital Level 1: 4V to 30V
• Input Impedance	3 KΩ
Output Channels	8
• Isolation	Isolation with common power
• Isolation Voltage	3750 Vrms
• Load Voltage	Max to +30V
• Max Load Current	375 mA
Power Input	+10 V to + 30 V
Power Consumption	1,7 W
Operating Temperature	-25 ~ 75°C

For more information:
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