750-880025-000

Industrial automation components

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Manufacturer	Wago
Catalog number	750-880025-000
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Ethernet Controller
Data Rate	10/100 Mbit/s
Ethernet Interfaces	2
Integrated Switch	Yes
Autonegotiation	Yes
Auto-MDI(X)	Yes
Data Memory	1 MB
SD Card Slot	Yes
Operating Temperature Range	-20°C to +60°C
Communication Protocols	MODBUS/TCP, EtherNet/IP
Web Server	Integrated
Programmable	Yes

Description

The WAGO 750-880/025-000 is a third-generation Ethernet controller designed for seamless integration within industrial automation systems. This versatile device supports all digital, analog, and specialty modules from the WAGO 750/753 Series, ensuring compatibility and flexibility in various applications.

Operating at data rates of 10/100 Mbit/s, it features two Ethernet interfaces with an integrated switch, facilitating line topology wiring without the need for additional network devices like

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switches or hubs.

Both interfaces support autonegotiation and Auto-MDI(X), enhancing network reliability and performance. The controller is equipped with a 1 MB data memory and offers an SD card slot for expanded storage capabilities.

It operates within an extended temperature range of -20°C to +60°C, making it suitable for demanding industrial environments. Additionally, the device supports multiple communication protocols, including MODBUS/TCP and EtherNet/IP, and features an integrated web server for user configuration and status monitoring.

The IEC 61131-3 programmable controller is multitasking-capable and includes a capacitor-backed real-time clock (RTC). For telecontrol applications, the 750-880/025-001 and -002 versions support IEC 60870-5-101/-103-104, IEC 61850-7, and IEC 61400-25 communication protocols.