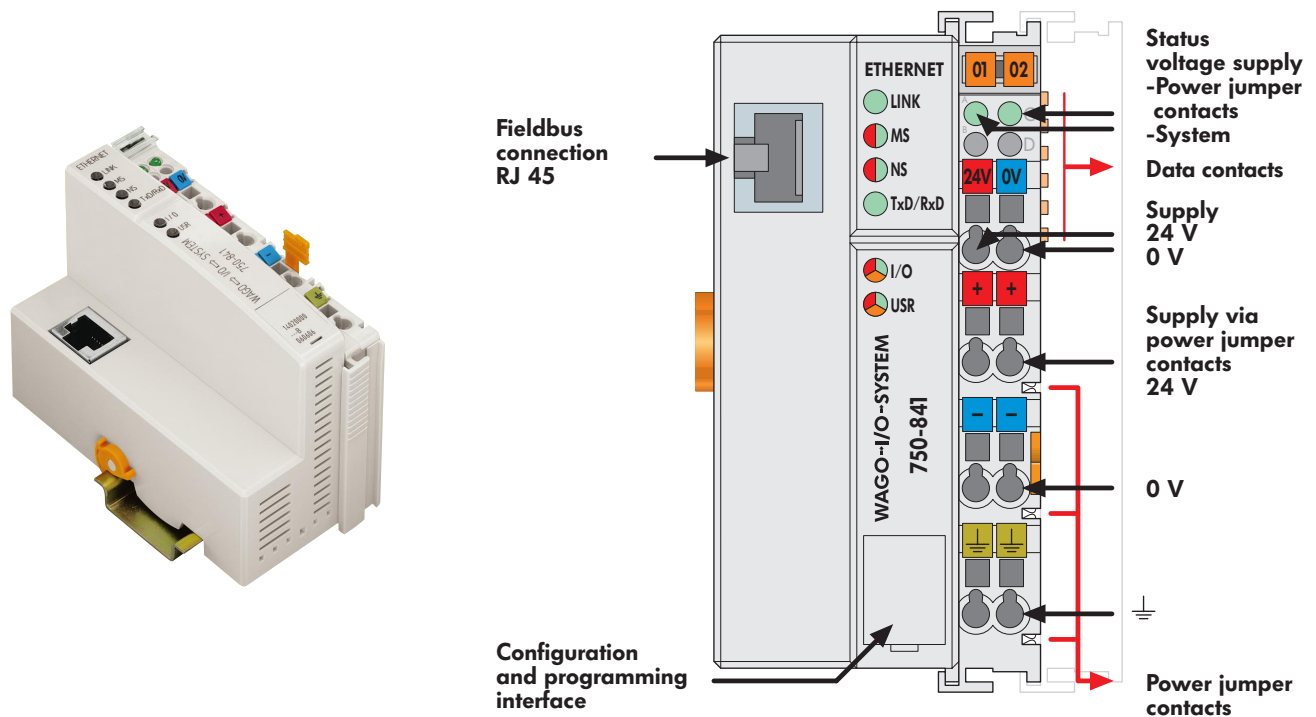


ETHERNET TCP/IP
Programmable Fieldbus Controller; 10/100 Mbit/s; digital and analog signals



This fieldbus controller allows the connection of the WAGO-I/O-SYSTEM as a slave to the ETHERNET.

The fieldbus controller is capable of supporting all I/O modules. The controller automatically configures itself, creating a local process image which may include analog, digital or specialty modules. Analog and specialty modules data is sent via words or bytes, digital data is packed into words or bytes.

This fieldbus controller is suitable for data rates of 10 Mbit /s and 100 Mbit /s. It is programmable according to IEC 61131-3 using 512 KB program memory, 128 KB data memory and 24 KB retentive memory. This 32-bit based CPU is capable of multitasking and has a battery backed real-time clock.

The controller offers many different application protocols which can be used for data acquisition or control (MODBUS, ETHERNET /IP) or for system managing and diagnostics (HTTP, BootP, DHCP, DNS, SNTP, FTP, SNMP and SMTP).

The WAGO ETHERNET controller has additional functionalities, which allow controlled access to the control and configuration data. Protection against unauthorized access is made possible with full TCP /IP functionality. When the security option is switched on, only predefined clients can communicate with the WAGO ETHERNET controller. The IP-filter is configured by means of web pages in the ETHERNET controller.

NEW 2004

Description	Item No.	Pack.-unit pcs	System Data	
Programmable			Max. no. of nodes	limited by ETHERNET specification
100MBit ETHERNET fieldbus controller	750-841	1	Transmission medium	Twisted Pair S-UTP 100Ω cat. 5
			Buscoupler connection	RJ 45
			Max. length of fieldbus segment	100m between hub station and 750-841
				max. length of network limited by ETHERNET specification
			Baud rate	10 /100 Mbits /s
			Protocols	MODBUS /TCP (UDP), ETHERNET /IP, HTTP, BootP, DHCP, DNS, SNTP, FTP, SNMP, SMTP
			Programming	WAGO-I/O-PRO CAA
			IEC 61131-3	IL, LD, FBD, ST, FC

