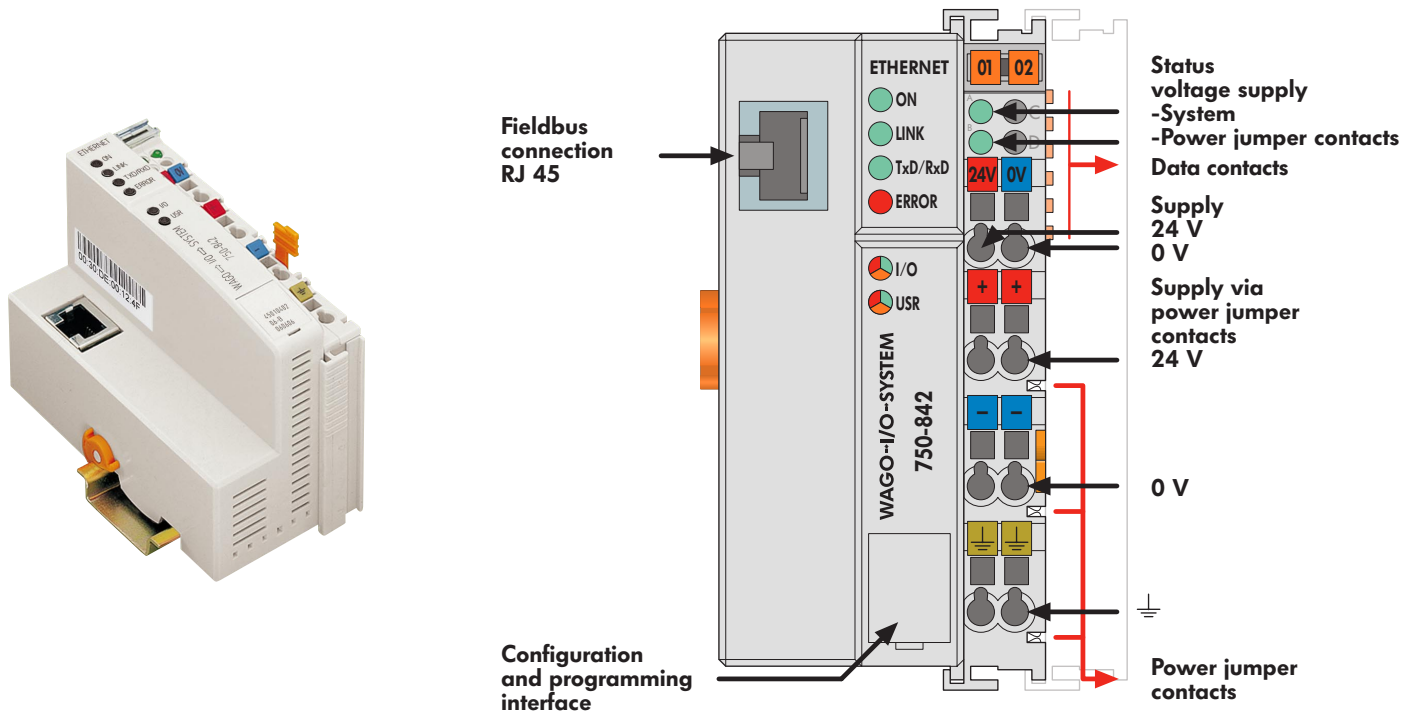


# ETHERNET TCP/IP

## Programmable Fieldbus Controller; 10 Mbits/s; digital and analog signals



The programmable fieldbus controller for ETHERNET combines the functionality of the ETHERNET fieldbus coupler with the functionality of a Programmable Logic Control (PLC).

Programming of the application is done with WAGO-I/O-PRO 32 in accordance with IEC 61131-3. Via the API socket the user can program all clients and servers for the transport protocols (TCP, UDP,...) using function modules.

### Characteristics and use:

- The use of decentralized control can better support a PLC or PC
- Signal pre-processing reduces fieldbus transmissions
- Complex applications can be divided into multiple tasks
- Tasks can be prioritized
- Peripheral equipment can be controlled directly, resulting in faster system response times
- Programmable response in the event of a fieldbus failure
- Simple, self-sufficient control

Description	Item-No.	Pack.-unit pcs	System Data	
Contr. ETHERNET TCP/IP 10Mbit	750-842	1	Max. no. of nodes	limited by ETHERNET specification
			Transmission medium	Twisted Pair S-UTP 100Ω cat. 5
			Buscoupler connection	RJ 45
			Max. length of fieldbus segment	100m between hub station and 750-842 max. length of network limited by ETHERNET specification
			Baud rate	10 Mbits /s
			Protocols	MODBUS / TCP (UDP), HTTP, BootP,
			Programming	WAGO-I/O-PRO 32
			IEC 61131-3	IL, LD, FBD, ST, FC

