

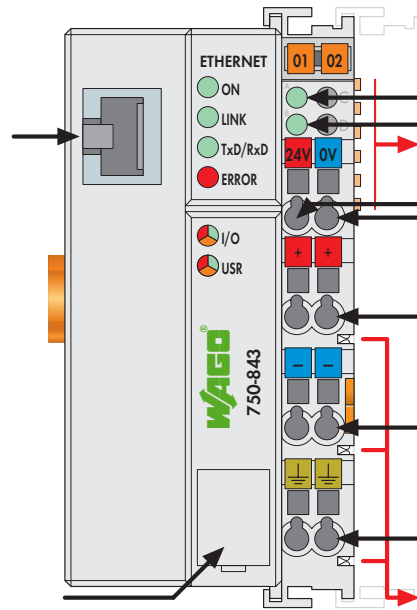
ETHERNET TCP/IP Programmable Fieldbus Controller

10 Mbit/s; digital and analog signals



Fieldbus connection RJ-45

Configuration and programming interface



Status voltage supply
-System
-Power jumper contacts
Data contacts

Supply 24 V
0 V

Supply via power jumper contacts 24 V

0 V

Power jumper contacts

The programmable fieldbus controller for ETHERNET combines the WAGO fieldbus coupler for ETHERNET with the functionality of a PLC. Programming of the application is performed in accordance with IEC 61131-3. By means of function blocks the programmer can program the clients and servers for all transport protocols (TCP, UDP, etc.) via Socket-APIs.

Characteristics and use:

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

Description	Item No.	Pack. Unit
ETHERNET Controller 10 MBit	750-843	1
Accessories		
WAGO-I/O-PRO CAA	759-333	1
Miniature WSB Quick marking system		
plain	248-501	5
with marking	see pages 304 ... 305	
Approvals		
Conformity marking	CE	
UL 508		

System Data	
No. of controllers connected to Master	limited by ETHERNET specification
Transmission medium	Twisted Pair S-UTP 100 Ω cat. 5
Max. length of fieldbus segment	100 m between hub station and 750-843; max. length of network limited by ETHERNET specification
Baud rate	10 Mbit/s
Buscoupler connection	RJ-45
Protocols	MODBUS/TCP, HTTP, BootP, MODBUS/UDP
Programming	WAGO-I/O-PRO CAA
IEC 61131-3	IL, LD, FBD, ST, FC

