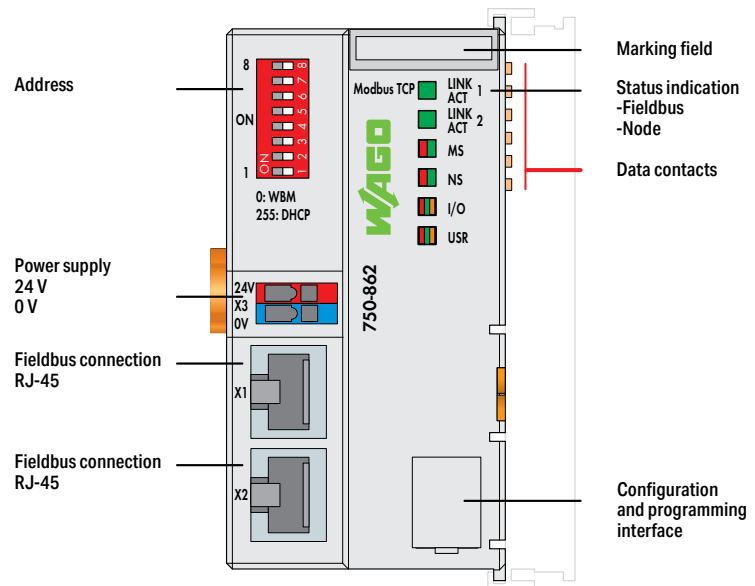


Controller Modbus TCP; 4th generation; 2 x ETHERNET; ECO



WAGO's Modbus TCP Controller can be used as a programmable controller within ETHERNET networks in conjunction with the WAGO-I/O-SYSTEM.

The controller detects all connected I/O modules and creates a local process image. This process image may include a mixed arrangement of analog (word-by-word data transfer) and digital (bit-by-bit data transfer) modules.

Two ETHERNET interfaces and an integrated switch allow the fieldbus to be wired in a line topology. This eliminates additional network devices, such as switches or hubs. Both interfaces support autonegotiation and Auto-MDI(X).

The DIP switch configures the last byte of the IP address and may be used for IP address assignment.

The controller is designed for fieldbus communication in Modbus® networks. It also supports a wide variety of standard ETHERNET protocols (HTTP(S), BootP, DHCP, DNS, SNMP, (S)FTP).

An integrated Webserver provides user configuration options, while displaying PLC status information.

The IEC 61131-3 programmable controller is multitasking-capable.

Description	Item No.	Pack. Unit
Controller Modbus TCP; G4; 2xETH; ECO	750-862	1
Accessories		
Mini-WSB Quick Marking System; plain	248-501	50
Approvals		
Conformity marking	CE	
Marine applications	DNV GL	
E175199 Ordinary Locations		
TÜV 14 ATEX 148929 X	II 3G Ex ec IIC T4 Gc	
IECEX TUN 14.0035 X	Ex ec IIC T4 Gc	
UL E198726 Hazardous Locations	Cl I, Div 2, Group A, B, C, D, T4	

Technical Data	
Communication	Modbus (TCP, UDP)
ETHERNET protocols	HTTP(S), BootP, DHCP, DNS, SNMP, (S)FTP, SNMP
CPU	32 bits
Visualization	Web-Visu
Programming environment	WAGO-I/O-PRO V2.3 (based on CODE-SYS V2.3)
Programming languages per IEC 61131-3	IL, LD, FBD (CFC), ST, FC
Baud rate	10/100 Mbit/s
Transmission medium	Twisted Pair S-UTP; 100 Ω; Cat. 5; Line length (max.): 100 m
Transmission performance	Class D per EN 50173
No. of controllers connected to master	Limited by ETHERNET specification

