

PLC - ETHERNET TCP/IP Programmable Fieldbus Controller, RS-232



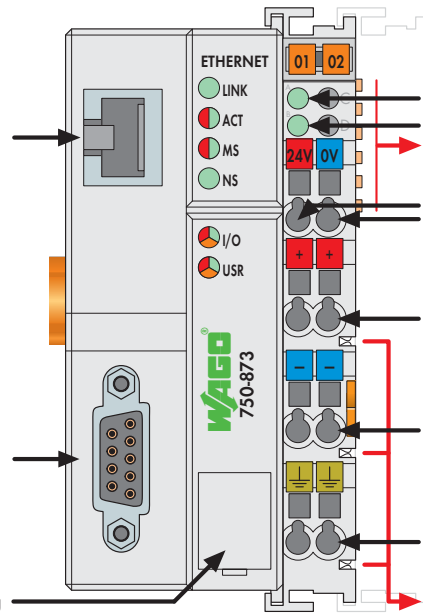
32-bit CPU, multitasking



Fieldbus connection RJ-45

Fieldbus connection RS-232

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

This PLC connects ETHERNET to the WAGO-I/O-SYSTEM. The controller automatically configures, creating a local process image which may include analog, digital or specialty modules. Analog and specialty module data is sent via words and/or bytes; digital data is sent bit by bit. The controller is capable of 10/100 Mbit/s data rates and is programmable in accordance with IEC 61131-3. The controller provides 512 KB program memory, 256 KB data memory and 24 KB retain memory for this. It is capable of multitasking, has a battery-backed, real-time clock and is based on a 32-bit CPU. The PLC offers many different application protocols which can be used for data acquisition or control (MODBUS, ETHERNET/IP) or for system management and diagnostics (HTTP, BootP, DHCP, DNS, SNTP, FTP, SNMP and SMTP).

For Web-based applications, HTML pages can be generated on an internal server. The integrated RS-232 interface communicates with external devices. The PLC can also be addressed as Modbus RTU slave via RS-232 interface.

Description	Item No.	Pack. Unit
ETHERNET TCP/IP RS-232 Controller	750-873	1
Product discontinuation	Last Call: 31.12.2018	
Product substitutes:	750-8102	
Accessories		
WAGO-I/O-PRO V2.3, RS-232 kit	759-333	1
Miniature WSB Quick marking system		
plain	248-501	5
with marking	see Section 11	
Approvals		
Conformity marking	CE	
Korea Certification	KC	
Marine applications	ABS, BV, DNV, GL, KR, LR, NKK, PRS, RINA	
UL 508	Class I, Div. 2, Grp. ABCD, T4	
ANSI/ISA 12.12.01	I M2 Ex d I Mb,	
TÜV 07 ATEX 554086 X	II 3 G Ex nA IIC T4 Gc,	
	II 3 D Ex tc IIIC T135°C Dc	
IECEx TUN 09.0001 X	Ex d I Mb,	
	Ex nA IIC T4 Gc,	
	Ex tc IIIC T135°C Dc	

System Data	
System data ETHERNET:	
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 hub station and 750-873; max. length of network limited by ETHERNET specification
Baud rate	10/100 Mbit/s
Buscoupler connection	RJ-45
Protocols	MODBUS/TCP (UDP), EtherNet/IP, HTTP, BootP, DHCP, DNS, SNTP, FTP, SNMP
System data Serial:	
Transmission medium	shielded Cu cable 2 (4) x 0.25 mm ²
Max. length of fieldbus segment	15 m depending on the baud rate / on the cable (at 19200 baud)
Baud rate	9600 baud ... 115 200 baud
Buscoupler connection	1 x D-Sub 9; socket
Programming	WAGO-I/O-PRO V2.3
IEC 61131-3	IL, LD, FBD (CFC), ST, FC

