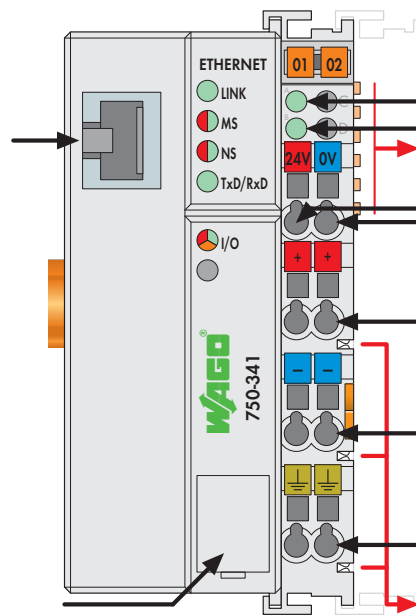




Fieldbus connection RJ-45

Configuration interface



Status
voltage supply
-System
-Power jumper contacts
Data contacts

Supply
24 V
0 V

Supply via
power jumper contacts
24 V

OV



Power jumper contacts

This fieldbus coupler connects the WAGO-I/O-SYSTEM as a slave to the ETHERNET fieldbus.

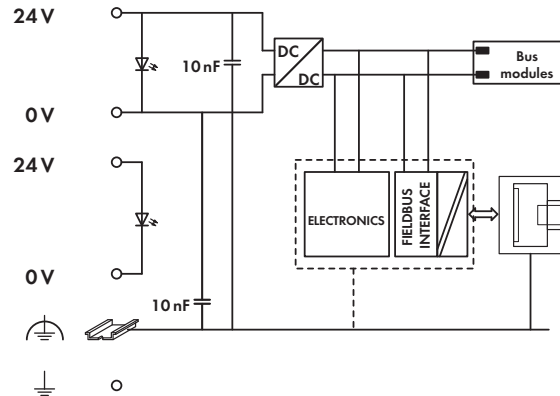
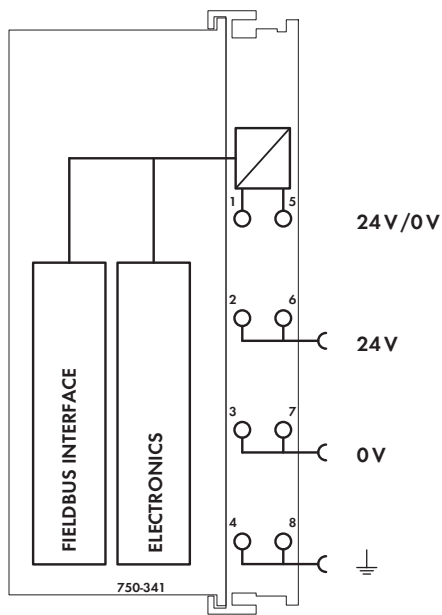
The fieldbus coupler is capable of supporting all I/O modules. The buscoupler automatically configures, creating a local process image which may include analog, digital or specialty modules. Analog and specialty data is sent via words and/or bytes, digital data is sent bit by bit.

This buscoupler is suitable for data rates of 10MBit/s and 100MBit/s. The buscoupler 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 and SNMP).

HTML pages can be placed on an internal server for use in Web-based applications.

Description	Item no.	Pack. unit
ETHERNET TCP/IP 100 MBit	750-341	1
Accessories	Item no.	Pack. unit
Miniature WSB quick marking system,		
 plain	248-501	5
with marking	see pages 256 ... 257	
Approvals		
Conformity marking	C E	
UL 508		
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4	
EN 60079-15	I M2 / II 3 GD Ex nA IIC T4	
Marine applications	see "Approvals Overview" in section 1	

[illegible]



Technical Data

Number of I/O modules	64
with bus extension	250
Fieldbus	
Max. input process image	2 Kbytes
Max. output process image	2 Kbytes
Configuration	via PC
Voltage supply	DC 24 V (-25 % ... +30 %)
Max. input current (24 V)	500 mA
Efficiency of the power supply	87 %
Internal current consumption (5 V)	300 mA
Total current for I/O modules (5 V)	1700 mA
Isolation	500 V system/supply
Voltage via power jumper contacts	DC 24 V (-25 % ... +30 %)
Current via power jumper contacts (max.)	DC 10 A

General Specifications

Operating temperature	0 °C ... +55 °C
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Stripped lengths	8 ... 9 mm / 0.33 in
Dimensions (mm) W x H x L	51 x 65 x 100
	Height from upper-edge of DIN 35 rail
Weight	179.5 g
Storage temperature	-25 °C ... +85 °C
Relative air humidity (no condensation)	95 %
Vibration resistance	acc. to IEC 60068-2-6
Shock resistance	acc. to IEC 60068-2-27
Degree of protection	IP20
EMC CE-Immunity to interference	acc. to EN 50082-2 (1996), EN 61000-6-2 (1999)
EMC CE-Emission of interference	acc. to EN 50081-2 (1994)
EMC marine applications -	
Immunity to interference	acc. to Germanischer Lloyd (2003)
EMC marine applications -	
Emission of interference	acc. to Germanischer Lloyd (2003)