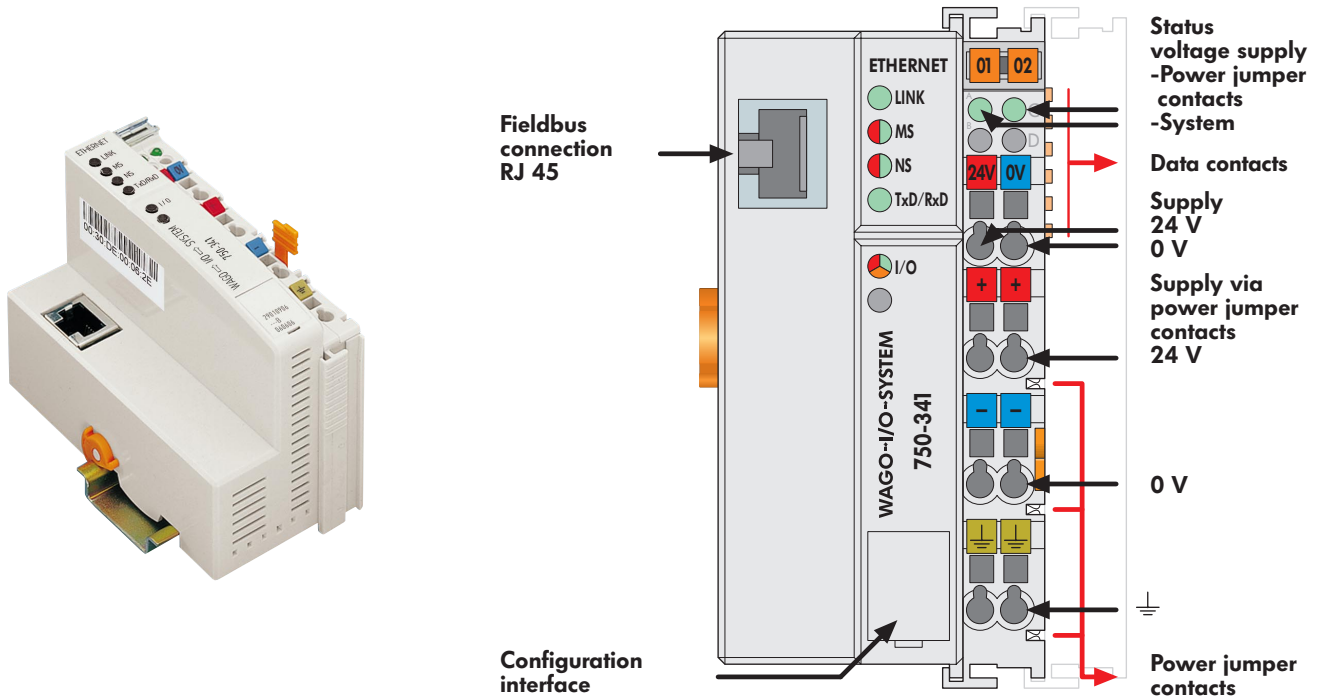
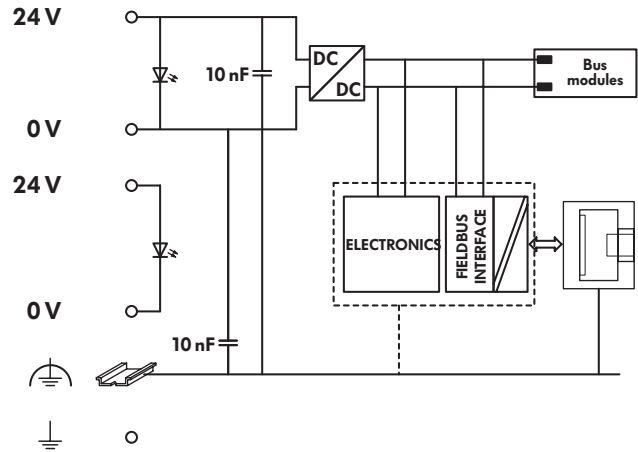
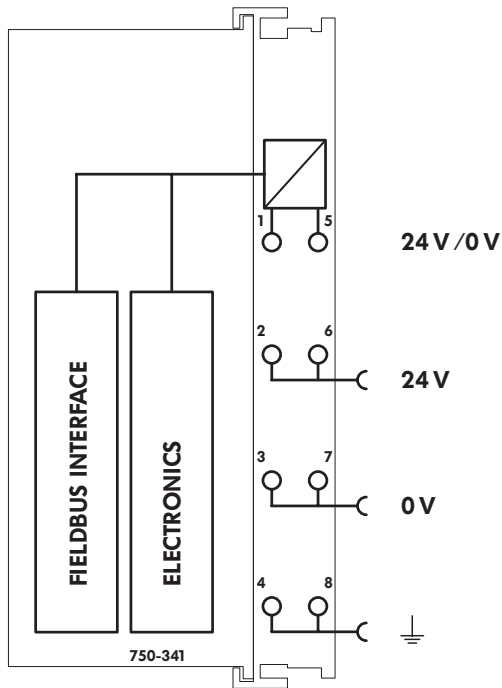


ETHERNET TCP/IP
Fieldbus Coupler; 10 /100 Mbits/s; digital and analog signals



This buscoupler allows connection of the WAGO I/O SYSTEM as a slave to the ETHERNET fieldbus. The buscoupler 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 module data is sent via words and/or bytes, digital data is sent bit by bit. This buscoupler is suitable for data rates of 10 Mbit /s and 100 Mbit /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 pcs	System Data	
ETHERNET TCP/IP 100 MBit	750-341	1	Max. no. of nodes	limited by ETHERNET specification
			Transmission medium	Twisted Pair S-UTP 100 Ω cat. 5
			Buscoupler connection	RJ 45
			Max. length of fieldbus segment	100 m between hub station and 750-341
				max. length of network limited by ETHERNET specification
			Baud rate	10 /100 Mbits /s
			Protocols	MODBUS /TCP (UDP), ETHERNET /IP, HTTP, BootP, DHCP, DNS, SNTP, FTP, SNMP



Technical Data		General specifications	
Max. no. of I/O modules per node	255	Operating temperature	0 °C ... +55 °C
Digital signals	max. 2040 (inputs and outputs)	Wire connection CAGE CLAMP®	0.08 mm ² ... 2.5 mm ² ; AWG 28 ... 14
Analog signals	max. 1020 (inputs and outputs)	Dimensions (mm) W x H x L	8 ... 9 mm / 0.33 in stripped length
Config. possibility	via PC		51 x 65* x 100
Voltage supply	DC 24 V (-15 % ... +20 %)	Weight	ca 195 g
Input current max.	500 mA at 24 V	Storage temperature	-25 °C ... +85 °C
Efficiency of the power supply	87 %	Relative air humidity	95 % no condensation
Internal current consumption	300 mA at 5 V	Vibration and shock resistance	acc. to IEC 60068-2-6
Total current for I/O modules	1700 mA at 5 V	Degree of protection	IP 20
Isolation	500 V system / supply	EMC CE -Immunity to interference	acc. to EN 50082-2 (1996), EN 61000-6-2 (1999)
Voltage via power jumper contacts	DC 24 V (-15 % ... +20 %)	EMC CE -Emission of interference	acc. to EN 50082-2 (1994)
Current via power jumper contacts max.	DC 10 A		
		Approvals	
		cUL ^{us}	see pages 1.10 ... 1.13
		Conformity marking	CE
		Accessories	
		Item-No.	Pack.-unit pcs
		Miniature WSB quick marking system	
		plain	248-501 5
		with marking	see pages 1.174 ... 1.175

Subject to design changes