

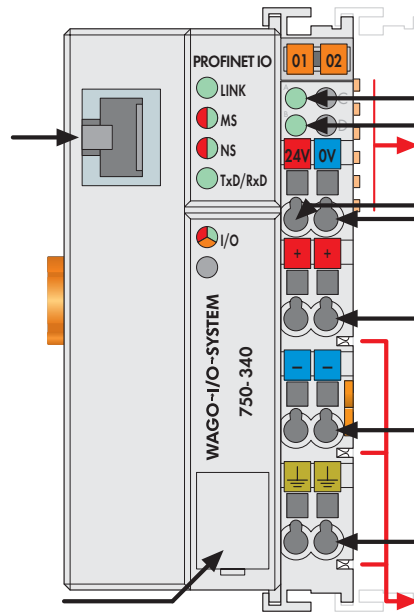
**PROFINET IO Fieldbus Coupler**

10/100 Mbits/s; digital and analog signals



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

0 V

⊥

Power jumper contacts

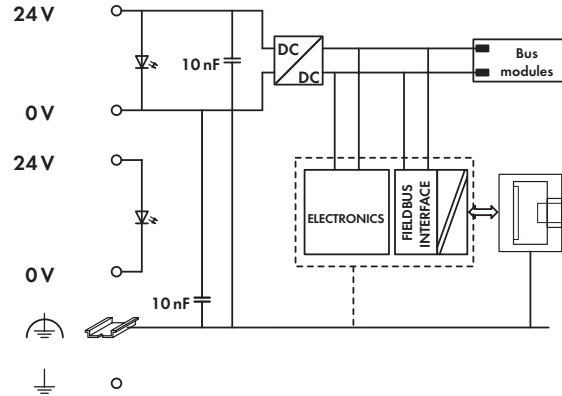
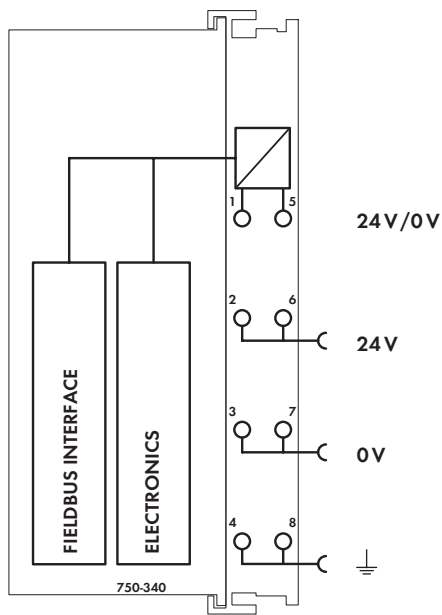
This fieldbus coupler allows the connection of the WAGO I/O SYSTEM as a slave device on a PROFINET IO industrial ethernet network.

The fieldbus coupler supports all WAGO I/O SYSTEM modules. The coupler automatically configures itself, creating a local process image which may include analog, digital, or specialty module data. Analog and specialty module data is sent via words and/or bytes.

Digital data is packed into words or bytes. The fieldbus coupler is integrated into the application as a PROFINET IO device. The coupler also supports many common ethernet protocols for system management and diagnostics (HTTP, BootP, DHCP, DNS, SNTP, FTP, and SNMP).

Description	Item no.	Pack. unit
<b>PROFINET IO 100 MBit</b>	<b>750-340</b>	<b>1</b>
<b>Accessories</b>		
<b>Miniature WSB Quick marking system</b>		
plain	<b>248-501</b>	<b>5</b>
with marking	see pages 224 ... 225	
<b>Approvals</b>		
Conformity marking	CE	

System data	
No. of couplers 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 750-340
	max. length of network limited by ETHERNET specification
Baud rate	10/100 Mbits/s
Buscoupler connection	RJ45
Protocols	PROFINET RT V 2.0, HTTP, DHCP, DNS, SNTP, FTP, SNMP



### Technical Data

Max. no. 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 (-15 % ... +20 %)
Max. input current (24V)	500 mA
Efficiency of the power supply	87 %
Internal current consumption (5V)	300 mA
Total current for I/O modules (5V)	1700 mA
Isolation	500 V system / supply
Voltage via power jumper contacts	DC 24 V (-15 % ... +20 %)
Current via power jumper contacts (max.)	DC 10 A

### General Specifications

Operating temperature	0 °C ... +55 °C
Wire connection	CAGE CLAMP <sup>®</sup>
Cross sections	0.08 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> / 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	approx. 180 g
Storage temperature	-25 °C ... +85 °C
Relative humidity (without condensation)	95 %
Vibration resistance	acc. to IEC 60068-2-6
Shock resistance	acc. to IEC 60068-2-27
Degree of protection	IP 20
EMC C <sub>E</sub> -Immunity to interference	acc. to EN 61000-6-2 (1999)
EMC C <sub>E</sub> -Emission of interference	acc. to EN 50081-2 (1994)