750-352/020-000

Technical Data

Number of I/O modules	64
Fieldbus	
Max. input process image	256 bytes
Max. output process image	256 bytes
Configuration	via PC
Power supply	24 V DC (-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)	700 mA
Isolation	500 V system/supply
Voltage via power jumper contacts	24 V DC (-25 % ... +30 %)
Current via power jumper contacts (max.)	10 A DC

General Specifications

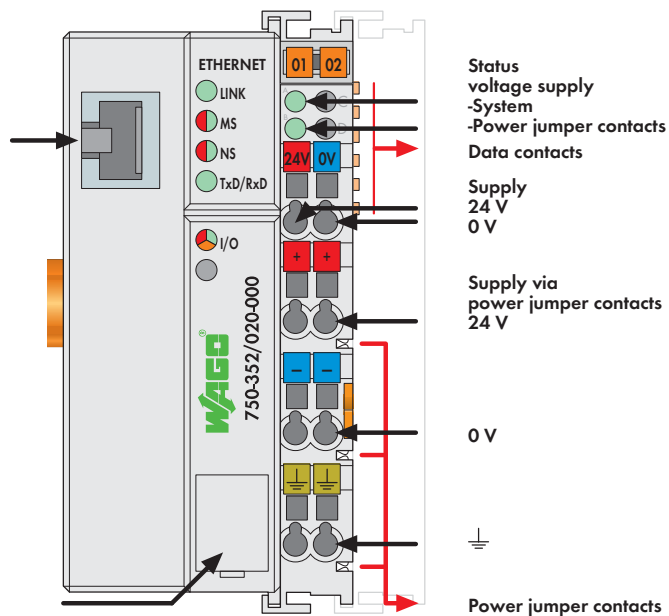|	
Operating temperature	0°C ... +55°C
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Stripped lengths	8 ... 9 mm / 0.33 in
Dimensions (mm) W x H x L	51 x 65 x 100
	Height from upper-edge of DIN 35 rail
Weight	180 g
Storage temperature	-25 °C ... +85 °C
Relative air humidity (no condensation)	95 %
Vibration resistance	acc. to IEC 60068-2-6
Shock resistance	acc. to IEC 60068-2-27
Degree of protection	IP20
EMC: C€ - immunity to interference	acc. to EN 61000-6-2 (2005)
EMC: C€ - emission of interference	acc. to EN 61000-6-4 (2007)

WAGO®

750-352/020-000

ETHERNET TCP/IP Eco Fieldbus Coupler

10/100 Mbit/s; digital and analog signals

Fieldbus connection RJ-45

ETHERNET
LINK
MS
NS
TxD/RxD
I/O

01 02

24V 0V

+ +

− −

750-352/020-000

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

Configuration interface

This Eco 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 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/s ECO	**750-352/020-000**	1

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 750-352/ 020-000; max. length of network limited by ETHERNET specification
Baud rate	10/100 Mbit/s
Buscoupler connection	RJ-45
Protocols	MODBUS/TCP (UDP), EtherNet/IP, SNMP, HTTP, BootP, DHCP, DNS

Accessories	Item No.	Pack. Unit
Miniature WSB Quick marking system		
plain	**248-501**	5
with marking	see pages 352 ... 353	

Approvals

Conformity marking	CE
Shipbuilding	ABS, KR
Ⓤ UL 508	