


The 750-852 ETHERNET PLC connects ETHERNET to the modular WAGO-I/O-SYSTEM.

The PLC 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.

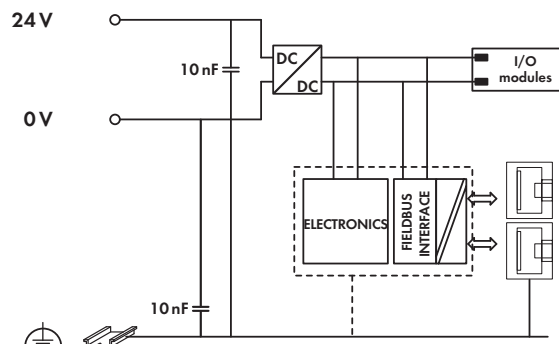
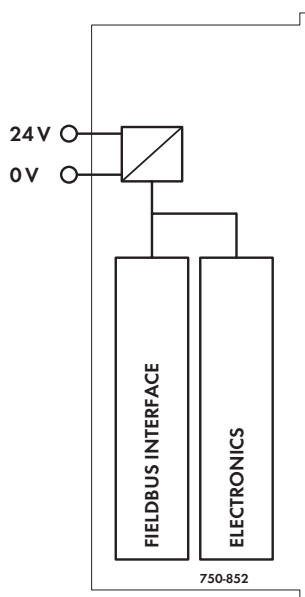
Two ETHERNET interfaces and an integrated switch allow the fieldbus to be wired in a line topology. This eliminates additional network devices, such as switches or hubs. Both interfaces support Auto-Negotiation and Auto-MDI(X).

The DIP switch configures the last byte of the IP address and may be used for IP address assignment.

The PLC is designed for fieldbus communication in both EtherNet/IP and MODBUS networks. It also supports a wide variety of standard ETHERNET protocols (e.g., HTTP, BootP, DHCP, DNS, SNMP, FTP). An integrated Web server provides the user with configuration options and status information from the controller. The IEC 61131-3 programmable controller is multitasking-capable.

| Description   | Item No.                         | Pack. Unit        |
|---|----------------------------------|-------------------|
| ETHERNET ECO Controller   | 750-852                          | 1                 |
|   |                                  |                   |
|   |                                  |                   |
|   |                                  |                   |
|   |                                  |                   |
|   |                                  |                   |
|   |                                  |                   |
|   |                                  |                   |
| <b>Accessories</b>  | <b>Item No.</b>                  | <b>Pack. Unit</b> |
| WAGO-I/O-PRO V2.3, RS-232 kit   | 759-333                          | 1                 |
| Miniature WSB Quick marking system  |                                  |                   |
|  plain | 248-501                          | 5                 |
| with marking  | see Full Line Catalog AUTOMATION |                   |
|   | 2012/2013                        |                   |
|   |                                  |                   |
|   |                                  |                   |
| <b>Approvals</b>  |                                  |                   |
| Conformity marking  | CE                               |                   |
| Shipbuilding  | GL applied for                   |                   |
| UL 508  | applied for                      |                   |
|   |                                  |                   |
|   |                                  |                   |
|   |                                  |                   |

[illegible]



## Technical Data

|  |                           |
|--|---------------------------|
| Number of I/O modules  | 64                        |
| with bus extension   | 250                       |
| Fieldbus   |                           |
| Max. input process image                                     | 1020 words                |
| Max. output process image                                    | 1020 words                |
| Configuration  | via PC                    |
| Program memory   | 512 Kbytes                |
| Data memory  | 256 Kbytes                |
| Non-volatile memory (retain)                                 | 8 Kbytes                  |
| Power supply   | 24 V DC (-25 % ... +30 %) |
| Input current typ. at rated load (24 V)                      | 300 mA                    |
| Efficiency of the power supply (typ.) at nominal load (24 V) | 90 %                      |
| Internal current consumption (5 V)                           | 400 mA                    |
| Total current for I/O modules (5 V)                          | 700 mA                    |
| Isolation  | 500 V system/supply       |

## General Specifications

|   |                                       |
|---|---------------------------------------|
| Operating temperature                     | 0 °C ... +55 °C                       |
| Wire connection                           | CAGE CLAMP®                           |
| Cross sections                            | 0.08 mm² ... 1.5 mm² / AWG 28 ... 14  |
| Strip lengths                             | 5 ... 6 mm / 0.22 in                  |
| Dimensions (mm) W x H x L                 | 50 x 65 x 97                          |
|   | Height from upper-edge of DIN 35 rail |
| Weight                                    | 110.5 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: <b>CE</b> - immunity to interference | acc. to EN 61000-6-2 (2005)           |
| EMC: <b>CE</b> - emission of interference | acc. to EN 61000-6-3 (2007)           |
| EMC: marine applications                  |                                       |
| - immunity to interference                | acc. to Germanischer Lloyd (2003)     |
| EMC: marine applications                  |                                       |
| - emission of interference                | acc. to Germanischer Lloyd (2003)     |