The 750-363 EtherNet/IP Fieldbus Coupler connects the fieldbus system EtherNet/IP. The fieldbus coupler automatically configures, creating a local process image which may include analog, digital or specialty modules. 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 (DHCP, BootP, static).

The coupler is designed for fieldbus communication in EtherNet/IP networks. It also supports a wide variety of standard ETHERNET protocols (e.g., HTTP(S), BootP, DHCP, DNS, SNMP, SFTP). An integrated Web server provides configuration and status information to the coupler. The coupler has an integrated supply terminal for the system voltage. The field power jumper contacts are supplied via a separate supply module.

### Technical Data

<table>
<thead>
<tr>
<th>Description</th>
<th>Item No.</th>
<th>Pack. Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>EtherNet/IP Fieldbus Coupler</td>
<td>750-363</td>
<td>1</td>
</tr>
<tr>
<td>Communication</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETHERNET protocols</td>
<td>HTTP(S), BootP, DHCP, DNS, SFTP, SNMP</td>
<td></td>
</tr>
<tr>
<td>Baud rate</td>
<td>10/100 Mbit/s</td>
<td></td>
</tr>
<tr>
<td>Transmission medium</td>
<td>Twisted Pair S-UTP: 100 Ω; Cat 5; 100 m maximum cable length</td>
<td></td>
</tr>
<tr>
<td>Transmission performance</td>
<td>Class D per EN 50173</td>
<td></td>
</tr>
<tr>
<td>Number of fieldbus nodes on master (max.)</td>
<td>Limited by ETHERNET specification</td>
<td></td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Item No.</th>
<th>Pack. Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mini-WSB Quick Marking System, plain</td>
<td>248-501</td>
<td>50</td>
</tr>
</tbody>
</table>

### Approvals

- Conformity marking: CE
- Marine applications: DNV GL
- E175199 Ordinary Locations
- TÜV 14 ATEX 148929 X
- II 3G Ex ec IIC T4 Gc
- IECEx TUN 14.0035 X
- Ex ec IIC T4 Gc
- UL E198726 Hazardous Locations
- CI I, Div 2, Group A, B, C, D, T4
**Technical Data**

- Number of I/O modules per node (max.): 250
- Number of I/O modules without bus extension (max.): 64
- Configuration options: WAGO-I/O-CHECK; Web-Based Management
- Input and output process image (internal) max.: 1020 words/1020 words
- Indicators:
  - LED (LINK/ACT) green: Network connection Port 1 ... 2; LED (LS, NS) red/green: Status of node, network; LED (I/O) red/green/orange: Internal data bus status
- Supply voltage (system): 24 VDC (−25 ... 30 %); via wiring level (CAGE CLAMP® connection)
- Total current (system supply): 700 mA
- Input current (typ.) at nominal load (24 V): 280 mA
- Power supply efficiency (typ.) at nominal load (24 V): 90 %
- Current consumption (system supply) (5 V): 350 mA
- Isolation: 500 V (system/supply)

**General Specifications**

- Connection technology: communication/fieldbus
  - EtherNet/IP: 2 x RJ-45
- Connection technology: system supply
  - CAGE CLAMP®
- Conductor cross-sections: 0.08 ... 1.5 mm² / 28 ... 14 AWG
- Strip length: 5 ... 6 mm / 0.22 inch
- Dimensions W x H x D (mm): 49.5 x 64.7 x 96.8; Height from upper-edge of DIN-rail
- Mounting type: DIN-35 rail
- Color: Light gray
- Housing material: Polycarbonate, polyamide 6.6
- Weight: 105.1 g
- Surrounding air temperature (operation): 0 ... 55 °C
- Surrounding air temperature (storage): -40 ... +85 °C
- Protection type: IP20
- Pollution degree: 2 per IEC 61131-2
- Operating altitude: 0 ... 2000 m
- Mounting position: Any
- Relative humidity (without condensation): 95 %
- Vibration resistance: 4g gemäß IEC 60068-2-6
- Shock resistance: 15g gemäß IEC 60068-2-27
- EMC immunity to interference: Per EN 61000-6-2, marine applications
- EMC emission of interference: Per EN 61000-6-3, marine applications
- Exposure to pollutants: Per IEC 60068-2-42 and IEC 60068-2-43