

**32-bit CPU, multitasking, with memory card slot**

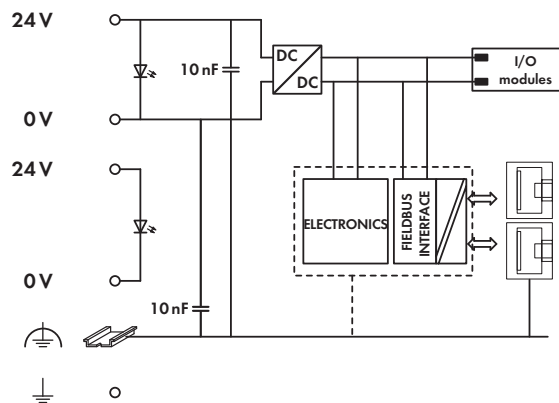
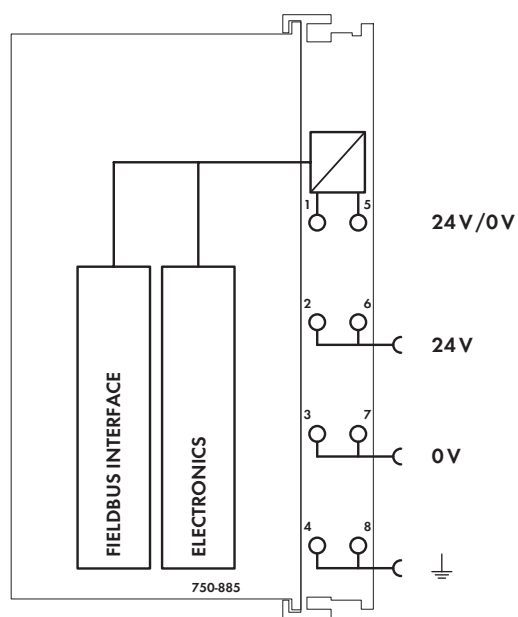
The media redundancy PLC is designed for fieldbus communication via MODBUS/TCP in ETHERNET networks. It also supports a wide variety of standard ETHERNET protocols (e.g., HTTP, BootP, DHCP, DNS, FTP). An integrated Web server provides configuration options to the user, while displaying PLC status information.

The IEC 61131-3 programmable controller is multitasking-capable and features a battery-backed RTC.

A data memory of 1 Mbyte is available.

For memory expansion, the 750-885 PLC is equipped with a removable memory card slot.

[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                                               | 1024 Kbytes               |
| Data memory                                                  | 1024 Kbytes               |
| Non-volatile memory (retain)                                 | 32 Kbytes                 |
| Power supply                                                 | 24 V DC (-25 % ... +30 %) |
| Input current typ. at rated load (24 V)                      | 500 mA                    |
| Efficiency of the power supply (typ.) at nominal load (24 V) | 90 %                      |
| Internal current consumption (5 V)                           | 450 mA                    |
| Total current for I/O modules (5 V)                          | 1700 mA                   |
| Isolation                                                    | 500 V system/supply       |

## General Specifications

|                                         |                                       |
|-----------------------------------------|---------------------------------------|
| Operating temperature                   | 0 °C ... +55 °C                       |
| Wire connection                         | CAGE CLAMP®                           |
| Cross sections                          | 0.08 mm² ... 2.5 mm² / AWG 28 ... 14  |
| Strip lengths                           | 8 ... 9 mm / 0.33 in                  |
| Dimensions (mm) W x H x L               | 62 x 65 x 100                         |
|                                         | Height from upper-edge of DIN 35 rail |
| Weight                                  | 164 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: CE - immunity to interference      | acc. to EN 61000-6-2 (2005)           |
| EMC: CE - emission of interference      | acc. to EN 61000-6-3 (2007)           |
| EMC: marine applications                |                                       |
| - immunity to interference              | acc. to Germanischer Lloyd (2003)     |
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