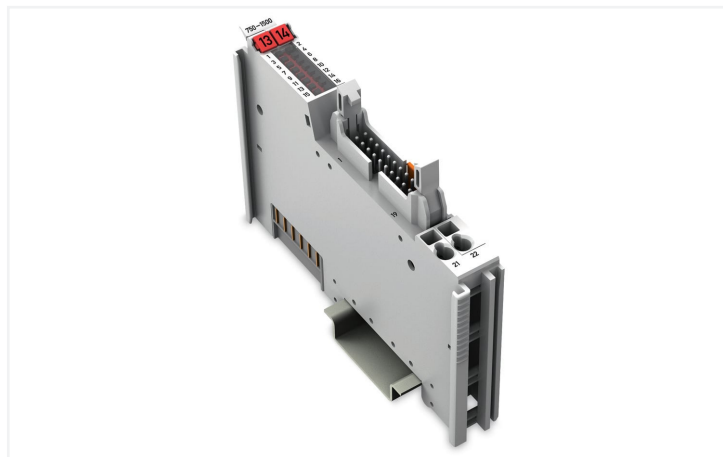
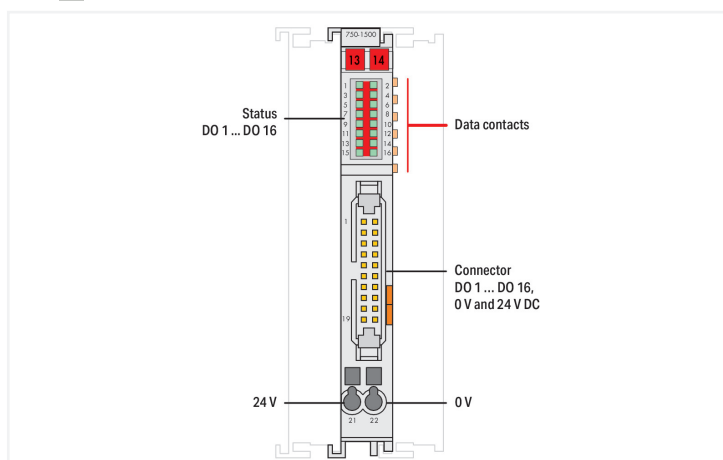
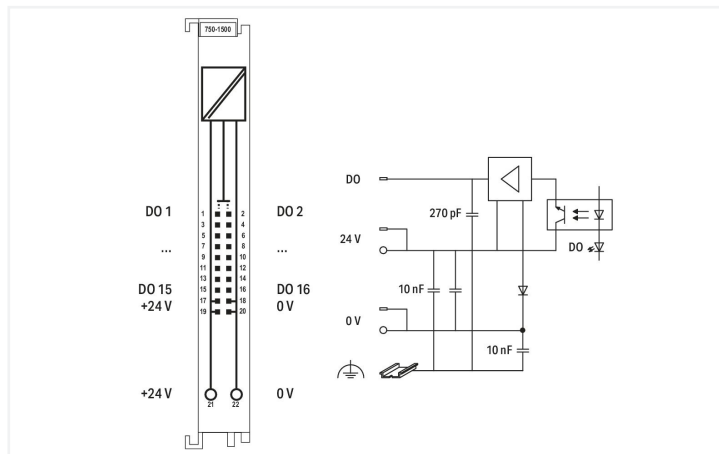


**Data Sheet | Item Number: 750-1500**  
 16-channel digital output; 24 VDC; 0.5 A; Ribbon cable

<https://www.wago.com/750-1500>



Color: light gray



This digital output module features 16 channels in a width of just 12 mm (0.47 inch). It transmits binary control signals from the automation device to the connected actuators (e.g., magnetic valves, contactors, transmitters, relays or other electrical loads).

The module connects to electronic modules via a 20-pole ribbon cable.

The 24 V power is fed to the electronic modules via two CAGE CLAMP® connectors.

A green LED indicates the signal state of each channel.

Field and system levels are electrically isolated.

**Technical data**

|  |  |
|--|--|
| Number of digital outputs  | 16   |
| Total number of channels (module)                                | 16   |
| Signal type  | Digital  |
| Signal type (voltage)  | 24 VDC   |
| Actuator connection  | 16 x (1-wire)  |
| Output characteristic  | high-side switching  |
| Output current per channel                                       | 0.5 A  |
| Output current   | short-circuit-protected  |
| Switching frequency (max.)                                       | 1 kHz  |
| Load type  | Resistive, inductive, lamp load  |
| Output data width (internal) max.                                | 16 bits  |
| Supply voltage (system)  | 5 VDC; via data contacts   |
| Current consumption (5 V system supply)                          | 40 mA  |
| Supply voltage (field)   | 24 VDC (-25 ... +30 %); via pluggable connector (CAGE CLAMP® connection) |
| Current consumption, field supply (module with no external load) | 29 mA  |
| Isolation  | 500 V system/field   |
| Indicators   | LED (1-16) green: Status DO 1 ... DO 16                                  |

### Connection data

|                                       |   |
|---------------------------------------|---|
| Connection technology: inputs/outputs | 1 x DIN 41651 connector; male connector (20-pole) |
| Connection technology: field supply   | 2 x CAGE CLAMP®                                   |
| Connection type 1                     | Inputs/outputs                                    |
| Connection type 2                     | Field supply                                      |
| Solid conductor 2                     | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG      |
| Fine-stranded conductor 2             | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG      |
| Strip length 2                        | 8 ... 9 mm / 0.31 ... 0.35 inches                 |

### Physical data

|                                   |                        |
|-----------------------------------|------------------------|
| Width                             | 12 mm / 0.472 inches   |
| Height                            | 100 mm / 3.937 inches  |
| Depth                             | 74.1 mm / 2.917 inches |
| Depth from upper-edge of DIN-rail | 66.9 mm / 2.634 inches |

### Mechanical data

|                     |             |
|---------------------|-------------|
| Mounting type       | DIN-35 rail |
| Pluggable connector | fixed       |

### Material data

|                    |                              |
|--------------------|------------------------------|
| Color              | light gray                   |
| Housing material   | Polycarbonate; polyamide 6.6 |
| Fire load          | 1.031 MJ                     |
| Weight             | 46 g                         |
| Conformity marking | CE                           |

### Environmental requirements

|  |                                       |
|--|---------------------------------------|
| Ambient temperature (operation)  | 0 ... +55 °C                          |
| Ambient temperature (storage)  | -25 ... +85 °C                        |
| Protection type  | IP20                                  |
| Pollution degree   | 2 per IEC 61131-2                     |
| Operating altitude   | 0 ... 2000 m / 0 ... 6562 ft          |
| Mounting position  | horizontal (standing/lying); vertical |
| Relative humidity (without condensation)   | 95 %                                  |
| Vibration resistance   | 4g per IEC 60068-2-6                  |
| Shock resistance   | 15g per 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 |
| Permissible H <sub>2</sub> S contaminant concentration at a relative humidity 75 % | 10 ppm                                |
| Permissible SO <sub>2</sub> contaminant concentration at a relative humidity 75 %  | 25 ppm                                |



**Commercial data**

|                       |                 |
|-----------------------|-----------------|
| Product Group         | 15 (I/O System) |
| eCl@ss 10.0           | 27-24-26-04     |
| eCl@ss 9.0            | 27-24-26-04     |
| ETIM 8.0              | EC001599        |
| ETIM 7.0              | EC001599        |
| PU (SPU)              | 1 pcs           |
| Packaging type        | Box             |
| Country of origin     | DE              |
| GTIN                  | 4045454898267   |
| Customs tariff number | 85371098990     |

**Environmental Product Compliance**

|                        |                         |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|