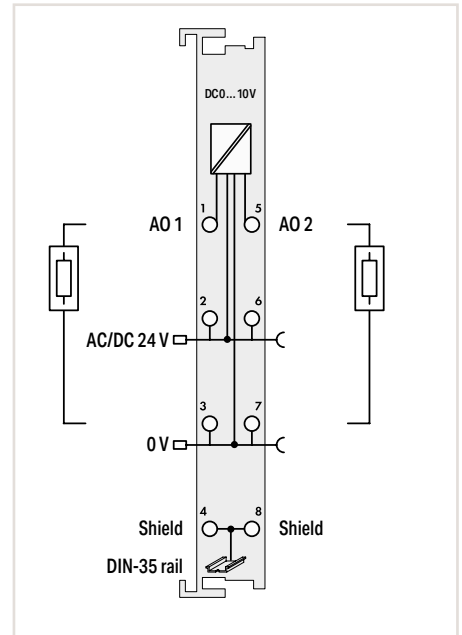
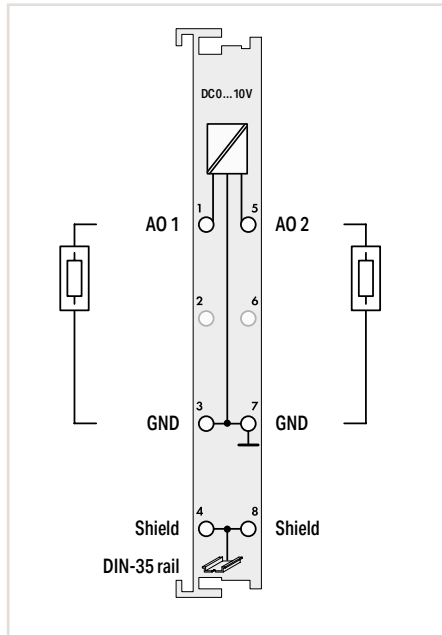


## Analog Output; 0 ... 10 VDC



Figure: 750-550

Figure: 753-550



| Item Description                          | 2-Channel Analog Output; 0 ... 10 VDC                |                          |  | 2-Channel Analog Output; 0 ... 10 VDC; 10 bits; 100 mW/24 V   |
|---|--|--------------------------|--|---|
| Version                                   | Standard   | Data format (S5 control) | Pluggable (delivery without connector) | Standard  |
| Item No.                                  | 750-550  | 750-550/000-200          | 753-550                                | 750-560   |
| Order Text                                | 2AO; 0-10 VDC  | 2AO; 0-10 VDC; S5        | 2AO; 0-10 VDC                          | 2AO; 0-10 VDC; 10Bit; 100mW/ 24V  |
| <b>Technical Data</b>                     |  |                          |  |   |
| Pluggable connector                       |  |                          | •                                      |   |
| Customized data format for S5 control*    |  | •                        |  |   |
| Number of analog outputs                  | 2  |                          |  | 2   |
| Signal type                               | 0 ... 10 V   |                          |  | 0 ... 10 V  |
| Actuator connection                       | 2-wire   |                          |  | 2-wire  |
| Load impedance                            | > 5 kΩ   |                          |  | ≥ 1 kΩ  |
| Resolution                                | 12 bits  |                          |  | 10 bits   |
| Conversion time                           | Approx. 2 ms   |                          |  | Approx. 10 ms   |
| Output error (max.) at 25 °C              | ±0.1 % of the upper-range value                      |                          |  | ±0.2 % of the upper-range value   |
| Temperature error (max.)                  | ±0.01 % of the upper-range value                     |                          |  | ±0.02 % of the upper-range value  |
| Supply voltage (field)                    |  |                          |  | 24 V AC/DC; via power jumper contacts (power supply via blade contact; transmission via spring contact) |
| Current consumption – system supply (5 V) | 65 mA  |                          |  | 16 mA   |
| Data width                                | 2 x 16-bit data; 2 x 8-bit control/status (optional) |                          |  | 2 x 16-bit data; 2 x 8-bit control/status (optional)  |
| Isolation                                 | 500 V (system/field)                                 |                          |  | 500 V (system/field)  |
| Surrounding air temperature (operation)   | 0 ... +55 °C   |                          |  | 0 ... +55 °C  |
| Dimensions W x H x D                      | 12 x 69.8 x 100 mm                                   |                          |  | 12 x 69.8 x 100 mm  |
| Approvals                                 | CE;  Marine;  OrdLoc/HazLoc;  ATEX/IECEX             |                          |  | CE;  OrdLoc/HazLoc;  ATEX/IECEX   |
| <b>Accessories</b>                        |  | <b>Item No.</b>          |  |   |
| Pluggable connector                       |  | 753-110                  |  |   |
| Coding keys                               |  | 753-150                  |  |   |

\*The S5 format allows you to import data with the standard S5 FB 250 function block.