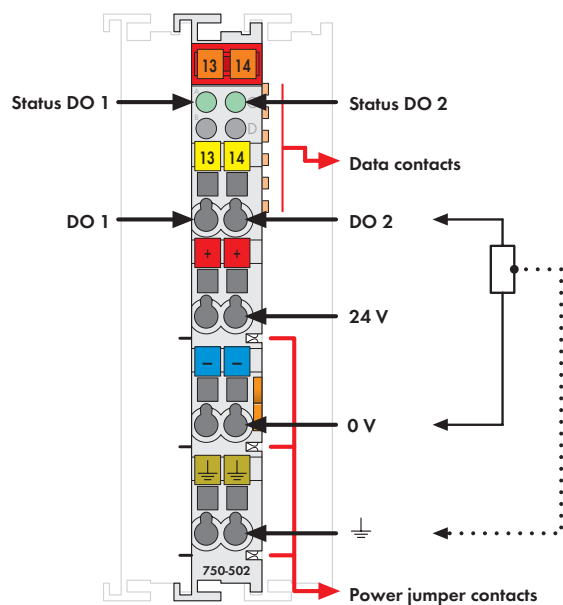
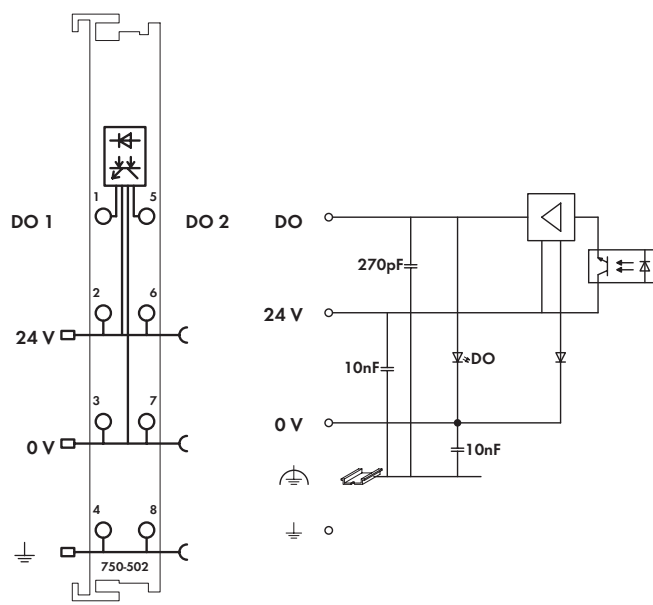


## 2-Channel Digital Output Module DC 24 V

short-circuit protected; high-side switching



Delivery without Mini WSB marker



The connected load is switched via the digital output from the control system.

All outputs are electronically short-circuit-protected.

The module is a 2-channel, 4-conductor device and actuators with a ground (earth) wire may be directly connected to the module.

Each output is electrically isolated from the bus by use of optocouplers.

| Description                         | Item no.        | Pack. unit       |
|-------------------------------------|-----------------|------------------|
| 2DO 24V DC 2.0A                     | 750-502         | 10 <sup>1)</sup> |
| 2DO 24V DC 2.0A/R*                  | 750-502/000-800 | 1                |
| 2DO 24V DC 2.0A (without connector) | 753-502         | 10 <sup>1)</sup> |
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| Technical Data                        |                                                              |
|---------------------------------------|--------------------------------------------------------------|
| No. of outputs                        | 2                                                            |
| Current consumption (internal)        | 3.5 mA                                                       |
| Voltage via power jumper contacts     | DC 24 V (-25 % ... +30 %)                                    |
| Type of load                          | resistive, inductive, lamps                                  |
| Switching frequency (max.)            | 2.5 kHz                                                      |
| Output current (max.)                 | 2 A                                                          |
| Short-circuit limitation (typ.) Pwm   | 35 A (44 A peak)                                             |
| Inductive load switch off energy      | 1.7 J; L max = 2 x W max / I <sup>2</sup>                    |
| dissipation W (max.)                  |                                                              |
| Current consumption typ. (field side) | 15 mA / module + charge                                      |
| Isolation                             | 500 V system/supply                                          |
| Internal bit width                    | 2 bits                                                       |
| Wire connection                       | CAGE CLAMP®                                                  |
| Cross sections                        | 0.08 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> / AWG 28 ... 14 |
| Stripped lengths, 750/753 Series      | 8 ... 9 mm / 0.33 in                                         |
|                                       | 9 ... 10 mm / 0.37 in                                        |
| Width                                 | 12 mm                                                        |
| Weight                                | 51.5 g                                                       |
| EMC CE-Immunity to interference       | acc. to EN 50082-2 (1996)                                    |
| EMC CE-Emission of interference       | acc. to EN 50081-1 (1993)                                    |
| EMC marine applications -             |                                                              |
| Immunity to interference              | acc. to Germanischer Lloyd (2003)                            |
| EMC marine applications -             |                                                              |
| Emission of interference              | acc. to Germanischer Lloyd (2003)                            |