

8-Channel Digital Output Module 24 V DC

Short-circuit protected; high-side switching

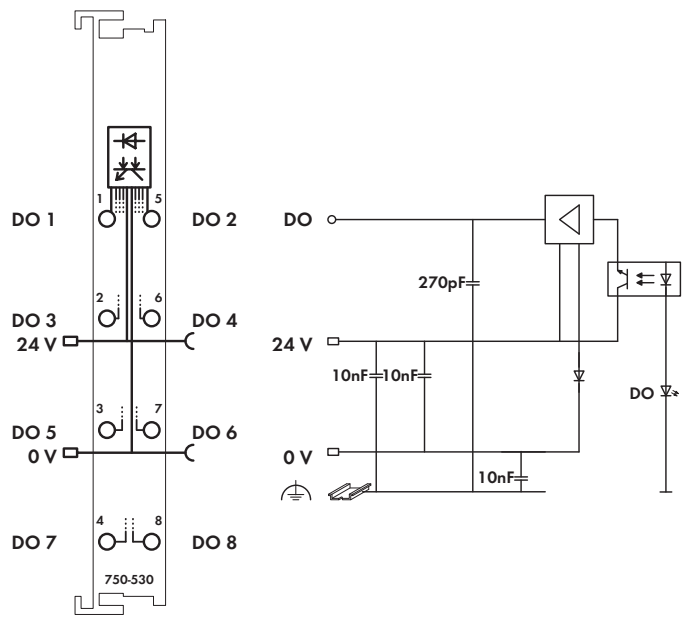
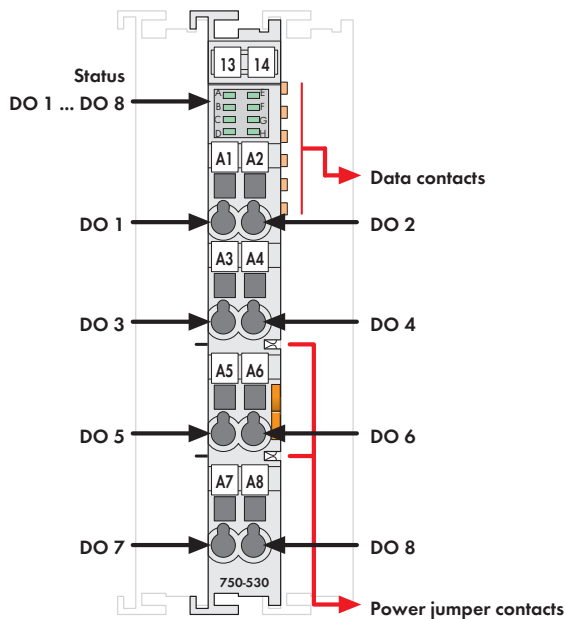






Fig. 750 Series
Delivered without miniature WSB markers

NOTE: Connection point marking (i.e., 1 ... 8) does not refer to channel assignment

The digital output module provides 8 channels at a width of just 12mm (0.47in.).
The connected load is switched via digital output from the control system.

All outputs are short-circuit proof.

Field and system levels are electrically isolated.

| Description | Item No. | Pack. Unit |
|--|---|------------|
| 8DO 24V DC 0.5A | 750-530 | 1 |
| 8DO 24V DC 0.5A/T | 750-530/025-000 | 1 |
| Extended temperature range: -20 °C ... +60 °C | | |
| 8DO 24V DC 0.5A (without connector) | 753-530 | 1 |
| Accessories | | |
|  753 Series Connectors | 753-110 | 25 |
|  Coding elements | 753-150 | 100 |
| Miniature WSB Quick marking system | | |
|  plain | 248-501 | 5 |
|  with marking | see Section 11 | |
| Approvals | | |
| Conformity marking | CE | |
| Korea Certification | KC | |
| Marine applications (versions upon request) | ABS, BV, DNV, GL, KR, LR, NKK, PRS, RINA | |
| UL 508 | - | |
| ANSI/ISA 12.12.01 | Class I, Div. 2, Grp. ABCD, T4 | |
| TUV 12.1297 X (Brazil) | Ex nA IIC T4 Gc (750-530) | |
| TUV 07 ATEX 554086 X | I M2 Ex d I Mb, II 3 G Ex nA IIC T4 Gc, II 3 D Ex tc IIIC T135°C Dc | |
| IECEX TUN 09.0001 X | Ex d I Mb, Ex nA IIC T4 Gc, Ex tc IIIC T135°C Dc | |

| Technical Data | |
|---------------------------------------|--|
| No. of outputs | 8 |
| Current consumption (internal) | 25 mA |
| Voltage via power jumper contacts | 24 V DC (-25 % ... +30 %) |
| Type of load | resistive, inductive, lamps |
| Max. switching frequency | 2 kHz |
| Output current (max.) | 0.5 A, short-circuit protected |
| Inductive load switch off energy | |
| dissipation W (max.) | 0.9 J; L max = 2 x W max / I ² |
| Current consumption typ. (field side) | 15 mA + charge |
| Isolation | 500 V system/supply |
| Internal bit width | 8 bits |
| Wire connection | CAGE CLAMP® |
| Cross sections | 0.08 mm ² ... 2.5 mm ² / AWG 28 ... 14 |
| Strip lengths, 750/753 Series | 8 ... 9 mm / 0.33 in 9 ... 10 mm / 0.37 in |
| Width | 12 mm |
| Weight | 50.7 g |
| EMC immunity of interference | acc. to EN 61000-6-2, marine applications |
| EMC emission of interference | acc. to EN 61000-6-4, marine applications |