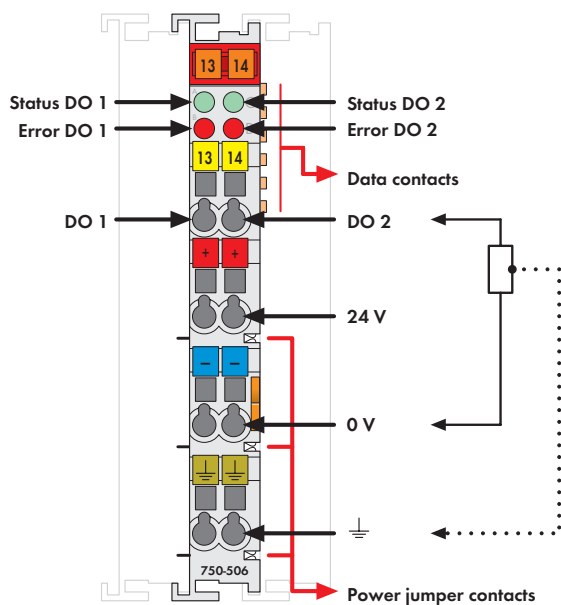
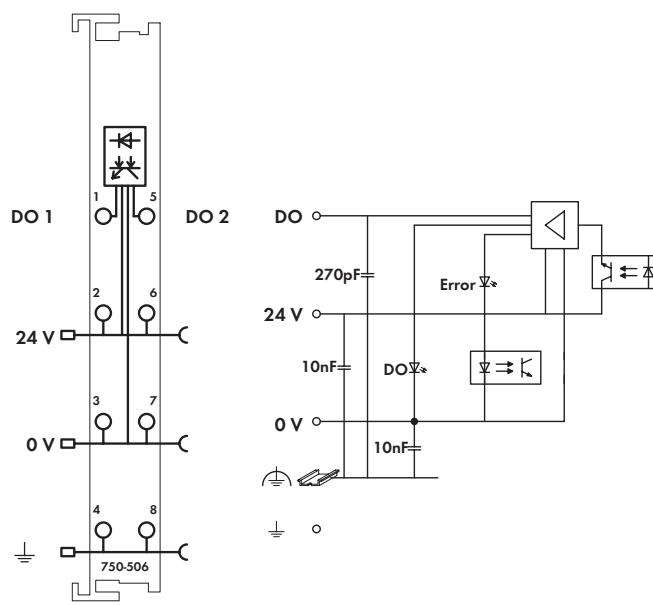


2-Channel Digital Output Module DC 24 V

short-circuit protected; high-side switching; with diagnostics



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.

In addition to the functions that can be fulfilled by the standard output modules, these output modules can recognize a short circuit or an open circuit. The error is visually indicated by error LEDs and a bit is set in the process image.

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 0.5A/ Diagnostics	750-506	10 ¹⁾
2DO 24V DC 0.5A/ Diagnose/R*	750-506/000-800	1
2DO 24V DC 0.5A/ Diagnostics (without connector)	753-506	10 ¹⁾

Technical Data	
No. of outputs	2
Current consumption (internal)	15 mA
Voltage via power jumper contacts	DC 24 V (-15 % ... +20 %)
Type of load	resistive, inductive, lamps
Switching frequency (max.)	5 kHz
Reverse voltage protection	no
Output current (max.)	0.5 A
Short-circuit limitation (typ.) Pwm	1.5 A
Open-circuit detection	< 9.5 mA
Diagnostics	Open circuit, overload and short-circuit
Inductive load switch off energy dissipation W (max.)	0.2 J; L max = 2 x W max / I ²
Current consumption typ. (field side)	15 mA / module + charge
Isolation	500 V system/supply
Internal bit width	
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm ² ... 2.5 mm ² / AWG 28 ... 14
Stripped lengths, 750/753 Series	8 ... 9 mm / 0.33 in
	9 ... 10 mm / 0.37 in
Width	12 mm
Weight	49.5 g
EMC CE-Immunity to interference	acc. to EN 50082-2 (1996)
EMC CE-Emission of interference	acc. to EN 50081-1 (1993)