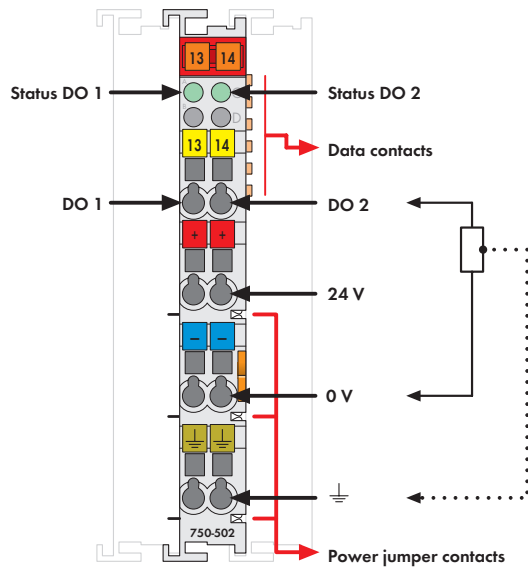
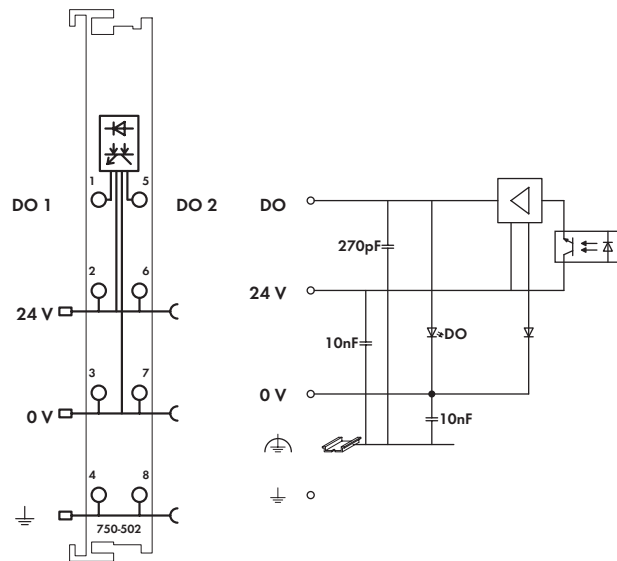


2-Channel Digital Output Module DC 24 V

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 ¹⁾
2DO 24V DC 2.0A/R*	750-502/000-800	1
2DO 24V DC 2.0A (without connector)	753-502	10 ¹⁾
* /R: Interference-free for safety function applications (see manual)		
¹⁾ Also available individually		
Accessories	Item no.	Pack. unit
753 Series Connectors	753-110	25
Coding elements	753-150	100
Miniature WSB Quick marking system		
plain	248-501	5
with marking	see full Line Catalog 08/09 Volume 3, Section 1	
Approvals		
Series 750 and 753		
Conformity marking	CE	
UL 508		
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4 (Produktvarianten auf Anfrage)	
750 Series		
EN 60079-15	I M2 / II 3 GD Ex nA IIC T4	
Marine applications	see "Approvals Overview" in section 1	

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 dissipation W (max.)	1.7 J; I max = 2 x W max / I ²
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 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	51.5 g
EMC Immunity to interference	acc. to EN 50082-2 (1996)
EMC 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)