

2-Channel Digital Output Module 24 V DC

Short-circuit protected; high-side switching

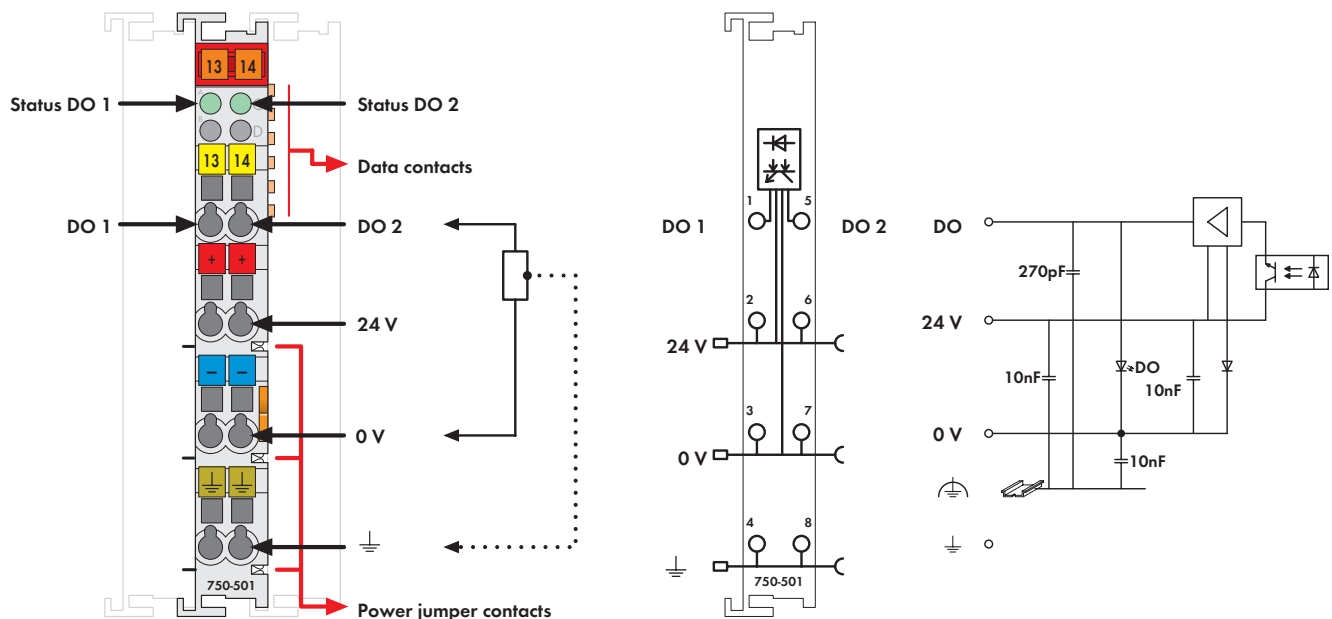


Fig. 750 Series/Technical data see page 24/Delivered without miniature WSB markers
750/753 Series marking see pages 12 ... 13 / 14 ... 15

The connected load is switched via the digital output (relay contacts) 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 0.5A	750-501	10 ¹⁾	
2DO 24V DC 0.5A/R*	750-501/000-800	1	
2DO 24V DC 0.5A (without connector)	753-501	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 pages 304 ... 305	
Approvals			
750 and 753 Series			
Conformity marking		CE	
UL 508			
ANSI/ISA 12.12.01		Class I, Div. 2, Grp. ABCD, T4	
750 Series		(Approvals for product variations upon request)	
EN 60079-15		I M2 / II 3 GD Ex nA IIC T4	
Shipbuilding		see "Approvals Overview" in section 1	

Technical Data	
No. of outputs	2
Current consumption (internal)	3.5 mA
Voltage via power jumper contacts	24 V DC (-25 % ... +30 %)
Type of load	resistive, inductive, lamps
Switching frequency (max.)	5 kHz
Output current (max.)	0.5 A
Inductive load switch off energy	
dissipation W (max.)	0.5 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	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	48.5 g
EMC CE-Immunity to interference	acc. to EN 60000-6-2 (2005)
EMC CE-Emission of interference	acc. to EN 61000-6-4 (2007)
EMC marine applications - Immunity to interference	
	acc. to Germanischer Lloyd (2003)
EMC marine applications - Emission of interference	
	acc. to Germanischer Lloyd (2003)