

8-Channel Digital Output Module DC 24 V

short-circuit protected; high-side switching

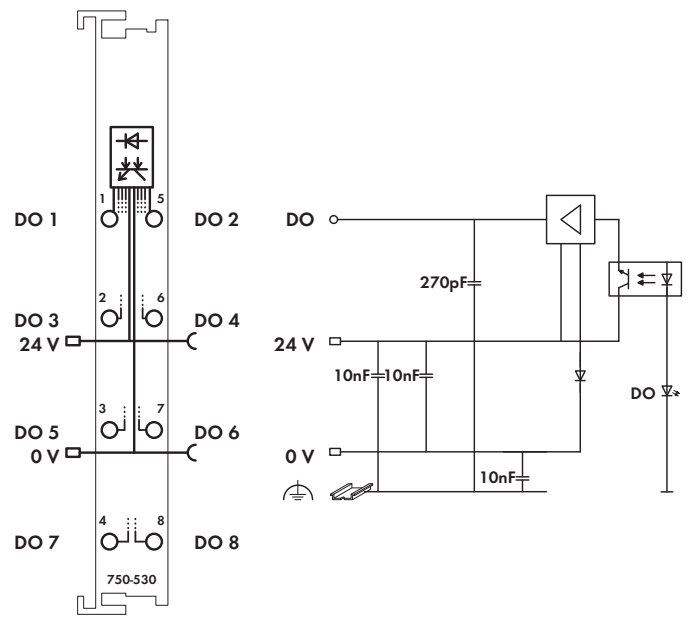
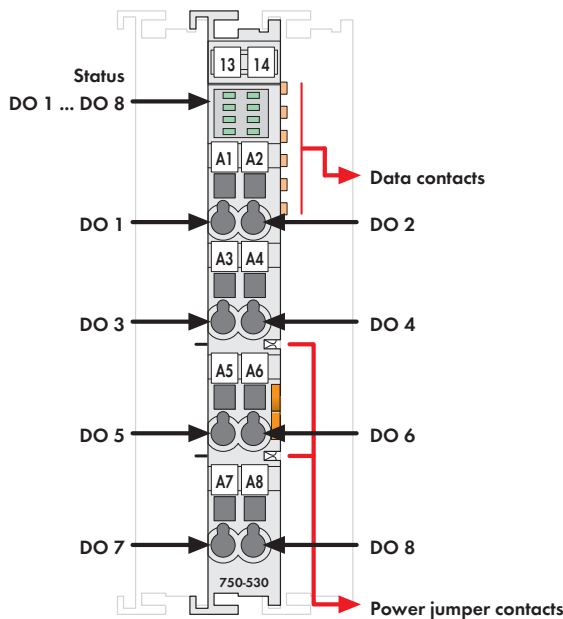


Fig. Series 750 / Technical data see page 28 / Delivery without Mini WSB marker Series 750 / 753 marking see pages 16 ... 17 / 18 ... 19

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

The digital output modules provide 8 channels maintaining a width of only 12 mm. The connected load is switched via the digital output from the control system.

All outputs are electronically short-circuit-protected.

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

Description	Item no.	Pack. unit
8DO 24V DC 0.5A	750-530	10 ¹⁾
8DO 24V DC 0.5A/T	750-530/025-000	1
[Operating temperature -20 °C ... +60 °C]		
8DO 24V DC 0.5A (without connector)	753-530	10 ¹⁾
1) Also available individually		
Accessories	Item no.	Pack. unit
753 Series connector	753-110	25
Coding elements	753-150	100
Miniature WSB quick marking system,		
plain	248-501	5
with marking	see pages 256 ... 257	
Approvals		
Series 750 and 753		
Conformity marking	CE	
UL 508		
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4	
Series 750		
EN 60079-15	I M2 / II 3 GD Ex nA IIC T4	
	BR-Ex nA II T4	
Marine applications	see "Approvals Overview" in section 1	

Technical Data	
No. of outputs	8
Current consumption (internal)	25 mA
Voltage via power jumper contacts	DC 24 V (-25 % ... +30 %)
Type of load	resistive, inductive, lamps
Switching rate (max.)	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
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 50082-2 (1996)
EMC CE-Emission of interference	acc. to EN 50081-2 (1994)
EMC marine applications -	
Immunity to interference	acc. to Germanischer Lloyd (2003)
EMC marine applications -	
Emission of interference	acc. to Germanischer Lloyd (2003)