4-Channel Digital Output Module DC 24 V

2-conductor connection; short-circuit-protected; high-side switching

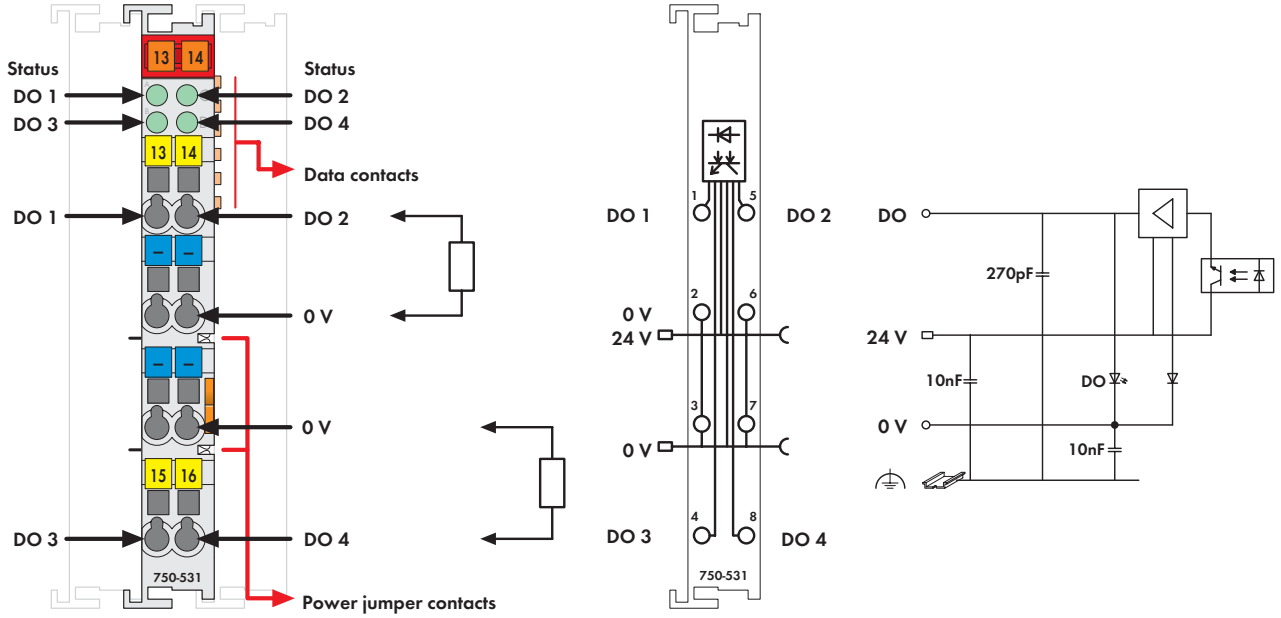

Fig. Series 750 / Technical data see page 30 / Delivery without Mini WSB marker
Series 750 / 753 marking see pages 20 ... 21 / 22 ... 23

The connected load is switched via the digital output from the control system.

The module is a 4-output channel, 2-conductor device. Due to its four 0 V connections, four actuators may be directly connected to the module.

All outputs are electronically short-circuit-protected.

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

Description	Item no.	Pack. unit
4DO 24V DC 0.5A/ 2-conductor	**750-531**	10 [1]
4DO 24V DC 0.5A/ 2-conductor (without connector)	**753-531**	10 [1]

[1] Also available individually

Accessories		Item no.	Pack. unit
	**Connectors Series 753**	**753-110**	25
	Coding elements	**753-150**	100
	**Miniature WSB Quick marking system**		
	plain	**248-501**	5
	with marking	see pages 214 ... 215	

Approvals

Series 750 and 753	
cULus UL 508	
Conformity marking	CE
Series 750	
Marine applications	see pages 24 ... 27

Technical Data

No. of outputs	4
Current consumption max (internal)	7 mA
Voltage via power jumper contacts	DC 24 V (-25 % ... +30 %)
Type of load	resistive, inductive, lamps
Switching rate max.	1 kHz
Reverse voltage protection	yes
Output current max.	0.5 A short-circuit protected
Inductive load switch off energy	
dissipation W max.	0.3 J; L max = 2 x W max / I^2
Current consumption typ (field side)	30 mA / module + charge
Isolation	500 V system / supply
Internal bit width	4 bits out
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Stripped length series 750 / 753	8 ... 9 mm / 0.33 in
	9 ... 10 mm / 0.37 in
Width	12 mm
Weight	approx. 50 g
EMC CE-Immunity to interference	acc. to EN 50082-2 (1996)
EMC CE-Emission of interference	acc. to EN 50081-1 (1993)
EMC marine applications -	
Immunity to interference	acc. to Germanischer Lloyd (2001)
EMC marine applications -	
Emission of interference	acc. to Germanischer Lloyd (2001)

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