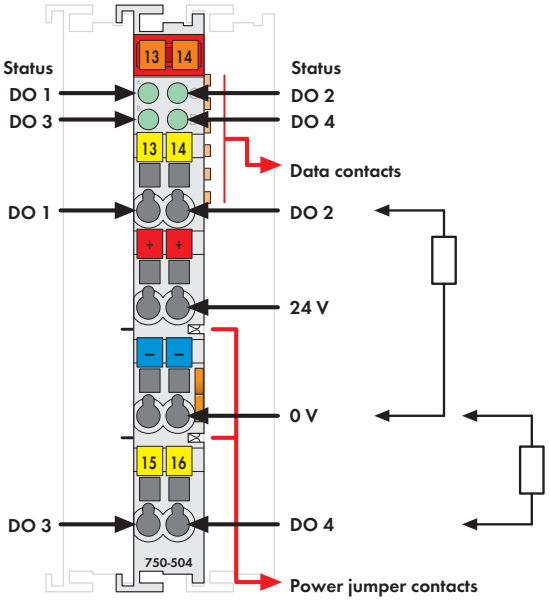
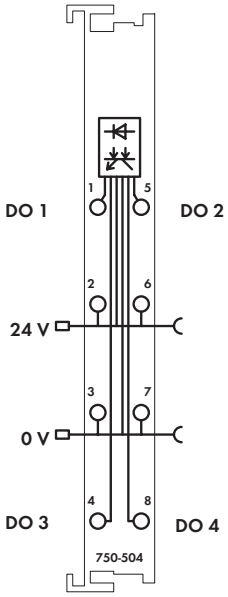
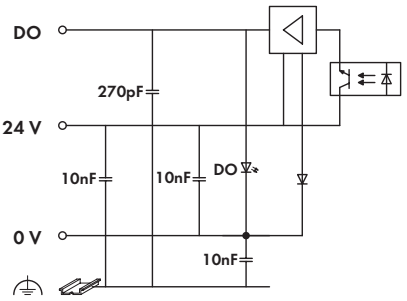
4-Channel Digital Output Module DC 24 V

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.

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

Description	Item no.	Pack. unit
4DO 24V DC 0.5A	**750-504**	10[1)]
4DO 24V DC 0.5A/T	**750-504/025-000**	1
(Operating temperature -20 °C ... +60 °C)		
4DO 24V DC 0.5A/R*	**750-504/000-800**	1
4DO 24V DC 0.5A/T/R*	**750-504/025-800**	1
(Operating temperature -20 °C ... +60 °C)		
4DO 24V DC 0.5A (without connector)	**753-504**	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
750 Series	(Produktvarianten auf Anfrage)
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	4
Current consumption (internal)	7 mA
Voltage via power jumper contacts	DC 24 V (-25 % ... +30 %)
Type of load	resistive, inductive, lamps
Switching frequency (max.)	1 kHz
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)	15 mA / module + charge
Isolation	500 V system/supply
Internal bit width	4 bits
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm² ... 2.5 mm² / 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)
EMC marine applications - Immunity to interference	acc. to Germanischer Lloyd (2003)
EMC marine applications - Emission of interference	acc. to Germanischer Lloyd (2003)