

# 4-Channel Digital Output Module 24 V DC

Short-circuit protected; high-side switching

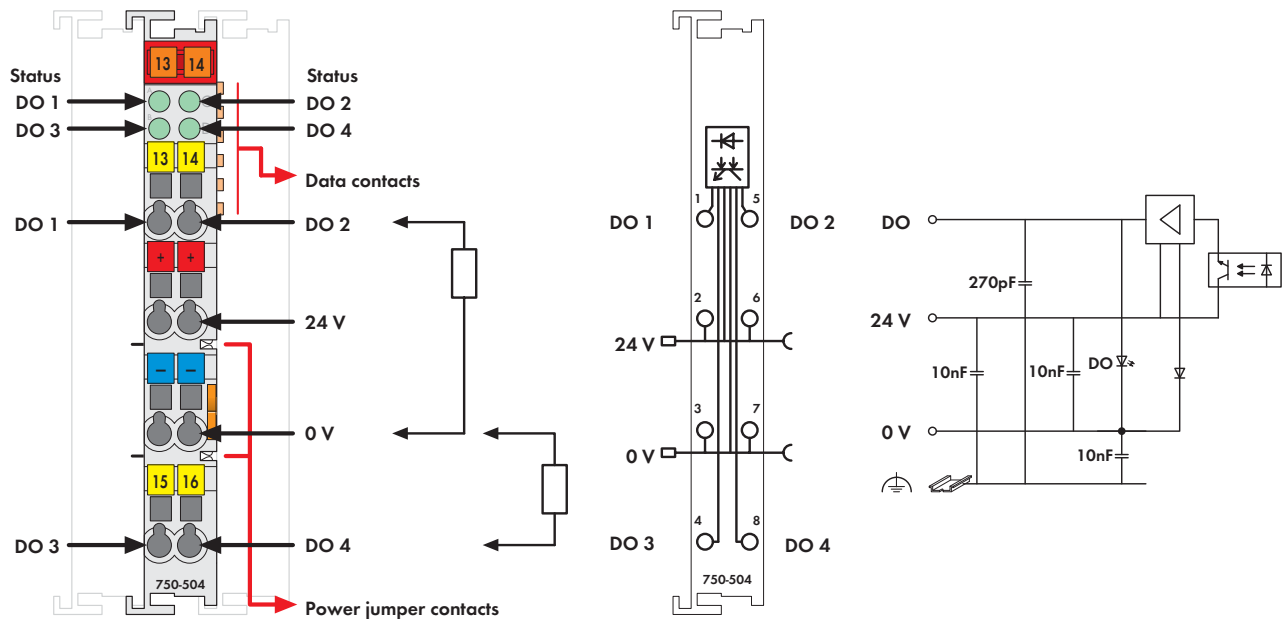


Fig. 750 Series  
Delivered without miniature WSB markers

Control signals are transmitted from the automation device to connected actuators via the digital output module.

All outputs are short-circuit proof.

Field and system levels are electrically isolated.

Description	Item No.	Pack. Unit
4DO 24V DC 0.5A	750-504	1
4DO 24V DC 0.5A/R*	750-504/000-800	1
4DO 24V DC 0.5A/T	750-504/025-000	1
Extended temperature range: -20 °C ... +60 °C		
4DO 24V DC 0.5A/T/R*	750-504/025-800	1
Extended temperature range: -20 °C ... +60 °C		
4DO 24V DC 0.5A (without connector)	753-504	1
* /R: Interference-free for safety function applications (see manual)		
Accessories	Item No.	Pack. Unit
753 Series Connectors	753-110	25
Coding elements	753-150	100
<b>Miniature WSB Quick marking system</b>		
plain	248-501	5
with marking	see Section 11	
Approvals		
Conformity marking	CE	
Korea Certification		
Marine applications (versions upon request)	ABS, BV, DNV, GL, KR, LR, NKK, PRS, RINA	
UL 508		
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4	
TÜV 07 ATEX 554086 X	I M2 Ex d I Mb, II 3 G Ex nA IIC T4 Gc, II 3 D Ex tc IIIC T135°C Dc	
IECEX TUN 09.0001 X	Ex d I Mb, Ex nA IIC T4 Gc, Ex tc IIIC T135°C Dc	

Technical Data	
No. of outputs	4
Current consumption (internal)	10 mA
Voltage via power jumper contacts	24 V DC (-25 % ... +30 %)
Type of load	resistive, inductive, lamps
Max. switching frequency	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 <sup>2</sup>
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 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> / AWG 28 ... 14
Strip lengths, 750/753 Series	8 ... 9 mm / 0.33 in 9 ... 10 mm / 0.37 in
Width	12 mm
Weight	49.5 g
EMC immunity of interference	acc. to EN 61000-6-2, marine applications
EMC emission of interference	acc. to EN 61000-6-4, marine applications