

## 2-Channel Digital Output Module 24 V DC

Short-circuit protected; high-side switching

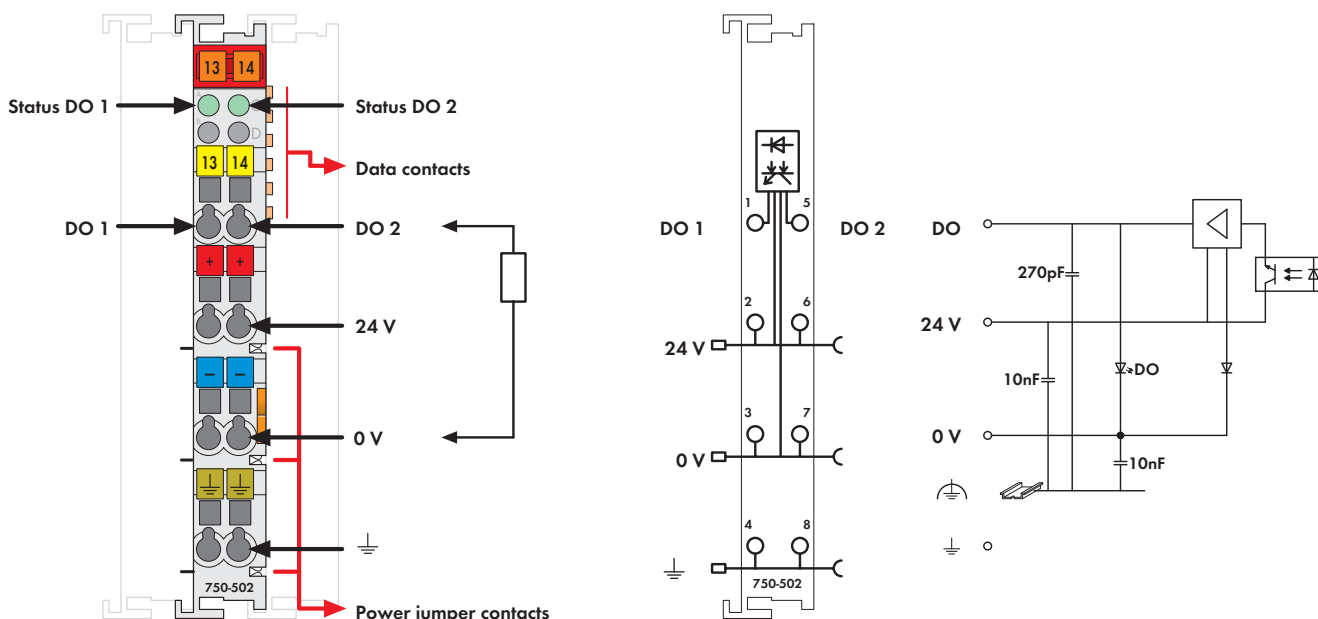



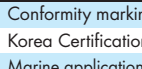






Fig. 750 Series  
Delivered without miniature WSB markers

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
2DO 24V DC 2.0A	750-502	1
2DO 24V DC 2.0A/R*	750-502/000-800	1
* /R: Interference-free for safety function applications (see manual)		
2DO 24V DC 2.0A (without connector)	753-502	1
2DO 24V DC 2.0A/R* (without connector)	753-502/000-800	1
Accessories		
 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 1.1	
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	2
Current consumption (internal)	3.5 mA
Voltage via power jumper contacts	24 V DC (-25 % ... +30 %)
Type of load	resistive, inductive, lamps
Max. switching frequency	2.5 kHz
Output current (max.)	2 A
Short-circuit limitation (typ.) Pwm	35 A (44 A peak)
Inductive load switch off energy	
dissipation W (max.)	1.7 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	2 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	51.5 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