

2-Channel Digital Output Module 24 V DC

Short-circuit protected; high-side switching; with diagnostics

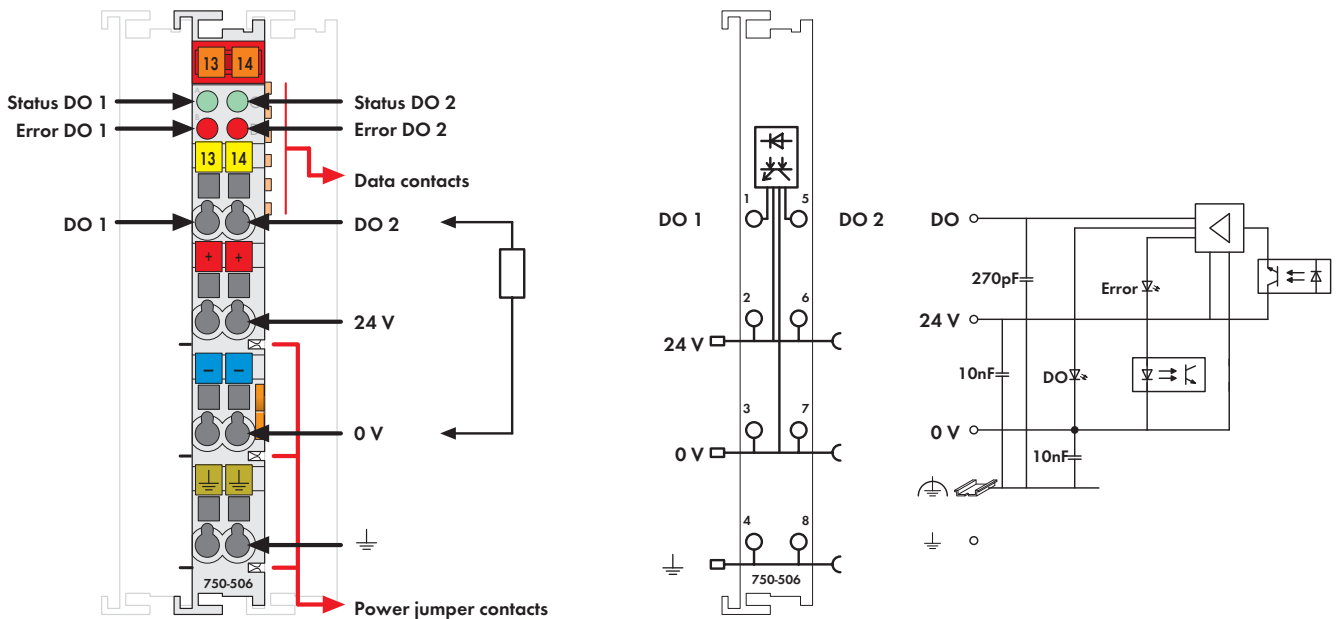


Fig. 750 Series
Delivered without miniature WSB markers

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

All outputs are short-circuit proof.

In addition to the functions that can be fulfilled by the standard output modules, these output modules can recognize a short circuit or an open circuit. The status is transmitted to the fieldbus couplers and indicated by LEDs.

Field and system levels are electrically isolated.

Description	Item No.	Pack. Unit
2DO 24V DC 0.5A/ diagnostics	750-506	1
2DO 24V DC 0.5A/ diagnostics/R*	750-506/000-800	1
* /R: Interference-free for safety function applications (see manual)		
2DO 24V DC 0.5A/ diagnostics (without connector)	753-506	1
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 Section 11	
Approvals		
Conformity marking	CE	
Korea Certification		
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 T1 35°C Dc	
IECEX TUN 09.0001 X	Ex d I Mb, Ex nA IIC T4 Gc, Ex tc IIIC T1 35°C Dc	

Technical Data	
No. of outputs	2
Current consumption (internal)	15 mA
Voltage via power jumper contacts	24 V DC (-1.5 % ... +20 %)
Type of load	resistive, inductive, lamps
Max. switching frequency	5 kHz
Reverse voltage protection	no
Output current (max.)	0.5 A
Short-circuit limitation (typ.) Pwm	1.5 A
Open-circuit detection	< 9.5 mA
Diagnostics	Open circuit, overload and short-circuit
Inductive load switch off energy dissipation W (max.)	0.2 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 in, 4 bits out
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm ² ... 2.5 mm ² / 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
EMC emission of interference	acc. to EN 61000-6-4