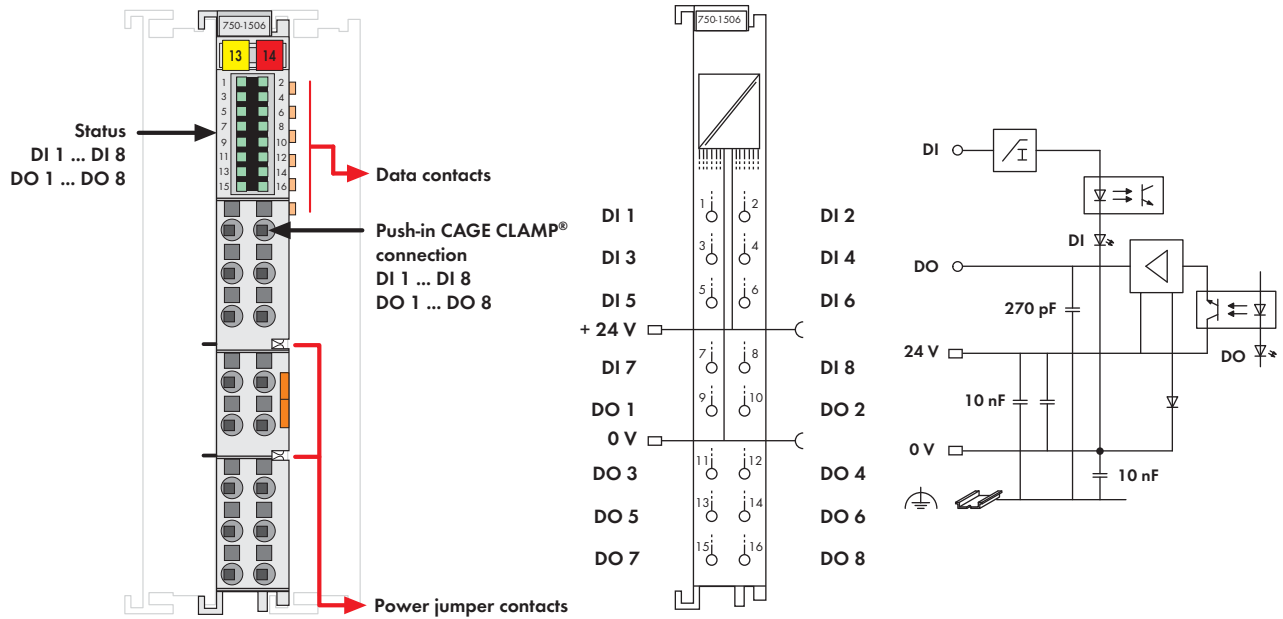


8-Channel Digital Input/Output Module 24 V DC

High-side switching



Delivered without miniature WSB markers






The digital input/output module provides 8 inputs and 8 outputs at a width of just 12mm (0.47in.).

It receives binary control signals from digital field devices and transmits them to the connected actuators (e.g., magnetic valves, contactors, transmitters, relays or other electrical loads).

The module has Push-in CAGE CLAMP® connections enabling solid conductors to be inserted directly.

A green LED indicates the switched status of each channel.

An optocoupler provides electrical isolation between the bus and the field side.

Description	Item No.	Pack. Unit
8DI 8DO 24V DC 0.5A	750-1506	1
Interference-free for use in safety functions (see manual)		
Accessories		
Miniature WSB Quick marking system		
	plain	248-501
	with marking	see Section 11
Operating tool, with partially insulated shaft, type 1, blade (2.5 x 0.4) mm	210-719	50
Approvals		
Conformity marking	CE	
Korea Certification		
Marine applications	ABS, BV, DNV, GL, KR, LR, NKK, PRS, RINA	
	UL 508	
	ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4
	TUV 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	
Digital inputs:	
Number of inputs	8
Signal voltage (0)	-3 V ... +5 V DC
Signal voltage (1)	15 V ... 30 V DC
Input filter	3.0 ms
Input current (typ.)	+0.6 mA (at -3 V ... +5 V DC) +2.2 mA ... +2.5 mA (at 15 V ... +32 V DC)
Digital outputs:	
No. of outputs	8
Type of load	resistive, inductive, lamps
Max. switching frequency	1 kHz
Output current (max.)	0.5 A, short-circuit protected
Current consumption typ. (field side)	16 mA
General Specifications	
Current consumption (internal)	30 mA
Isolation	500 V system/field
Wire connection	Push-in CAGE CLAMP®
Cross sections	solid: 0.08 mm ² ... 1.5 mm ² / AWG 28 ... 16 fine-stranded: 0.25 mm ² ... 1.5 mm ² / AWG 22 ... 16
Strip lengths	8 ... 9 mm / 0.33 in
Width	12 mm
Weight	60 g
EMC immunity of interference	acc. to EN 61000-6-2, marine applications
EMC emission of interference	acc. to EN 61000-6-3, marine applications