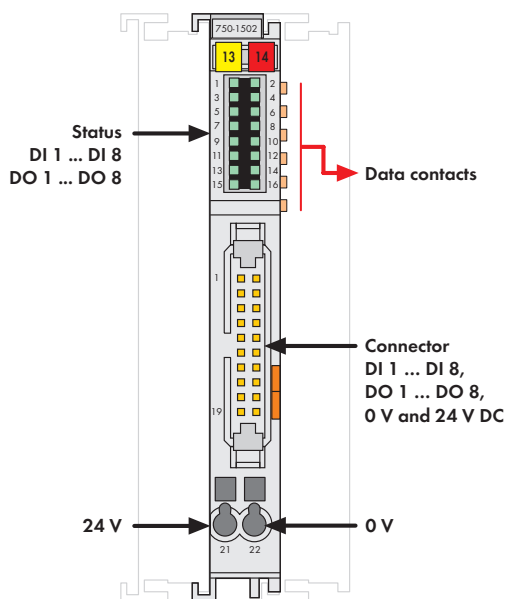
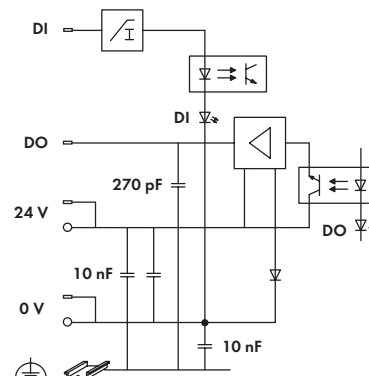
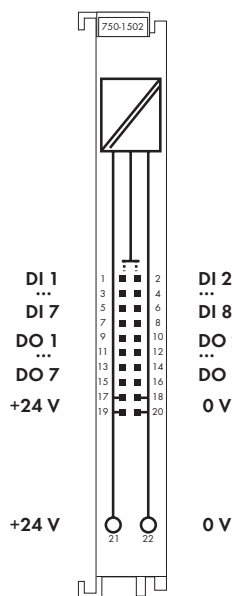


8-Channel Digital Input/Output Module 24 V DC

Ribbon cable, 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 connects electronic modules via a 20-pole flat cable.

The 24V power is fed to the electronic modules via two CAGE CLAMP® terminals.

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, ribbon cable	750-1502	1
Interference-free for use in safety functions (see manual)		

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)
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	
Voltage supply	24 V DC (-25 % ... +30 %)
Current consumption (internal)	30 mA
Isolation	500 V system/field
Wire connection	20-pole male connector / CAGE CLAMP®
Cross sections CAGE CLAMP®	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Stripped lengths	8 ... 9 mm / 0.33 in
Dimensions (mm) W x H x L	12 x 73 x 100
	Height from upper-edge of DIN 35 rail
Weight	44 g