

4-Channel Digital Input Module DC 24 V

2- to 3-conductor connection; high-side switching

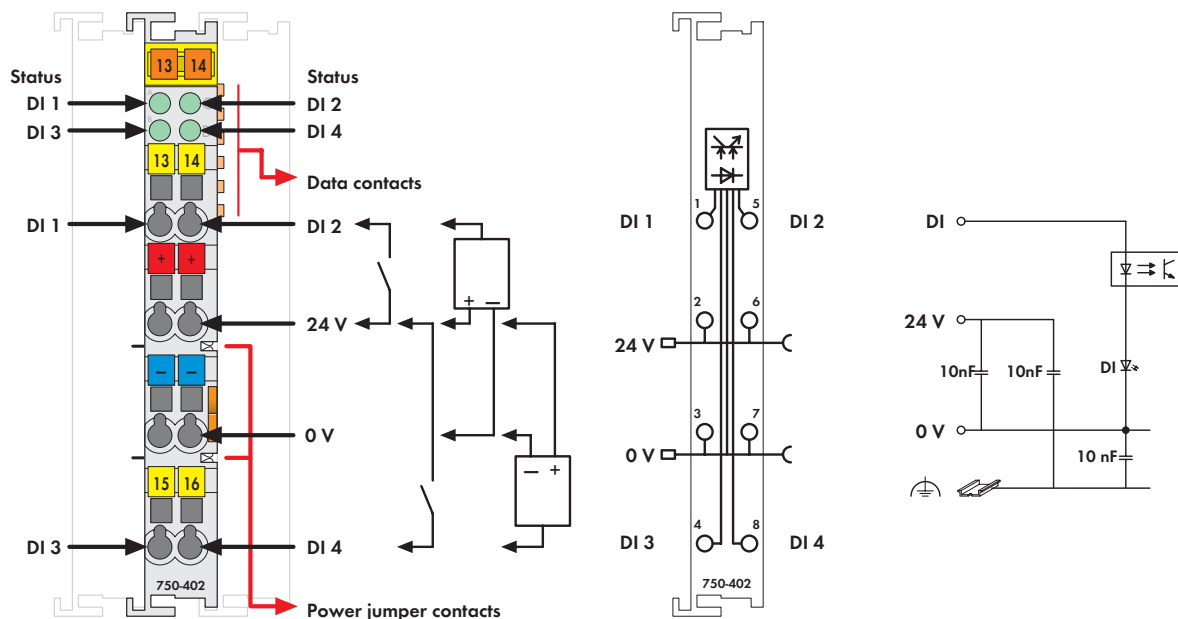








Fig. Series 750 / Technical data see page 30 / Delivery without Mini WSB marker
Series 750 / 753 marking see pages 20 ... 21 / 22 ... 23

The digital input modules receive the control signal from digital field devices (sensors, etc.).

Each input module has a noise-rejection filter. This filter is available with different time constants.

An optocoupler is used for electrical isolation between the bus and the field side.

Description	Item no.	Pack. unit
4DI 24V DC 3.0ms	750-402	10 ¹⁾
4DI 24V DC 0.2ms	750-403	10 ¹⁾
4DI 24V DC 3.0ms	750-402/025-000	1
(Operating temperature -20 °C ... +60 °C)		
4DI 24V DC 3.0ms (without connector)	753-402	10 ¹⁾
4DI 24V DC 0.2ms (without connector)	753-403	10 ¹⁾
¹⁾ Also available individually		
Accessories	Item no.	Pack. unit
	Connectors Series 753	25
	Coding elements	100
	Miniature WSB Quick marking system	
	plain	5
	with marking	see pages 214 ... 215
Approvals		
Series 750 and 753		
 UL 508		
Conformity marking	CE	
Series 750		
Marine applications	see pages 24 ... 27	
 EN 50021	II 3 G EEx nA II T4	
  UL 1604	Class I Div2 ABCD T4A	

Technical Data	
No. of inputs	4
Current consumption (internal)	7.5 mA
Voltage via power jumper contacts	DC 24 V (-25 % ... +30 %)
Signal voltage (0)	DC -3 V ... +5 V
Signal voltage (1)	DC 15 V ... 30 V
Input filter	3.0 ms (750-402 / 753-402)
	0.2 ms (750-403 / 753-403)
Input current typ.	4.5 mA
Isolation	500 V system / supply
Internal bit width	4 bits
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Stripped length series 750 / 753	8 ... 9 mm / 0.33 in
	9 ... 10 mm / 0.37 in
Width	12 mm
Weight	approx. 50 g
EMC CE-Immunity to interference	acc. to EN 61000-6-2 (2001)
EMC CE-Emission of interference	acc. to EN 61000-6-3 (2001)
EMC marine applications -	
Immunity to interference	acc. to Germanischer Lloyd (2001)
EMC marine applications -	
Emission of interference	acc. to Germanischer Lloyd (2001)