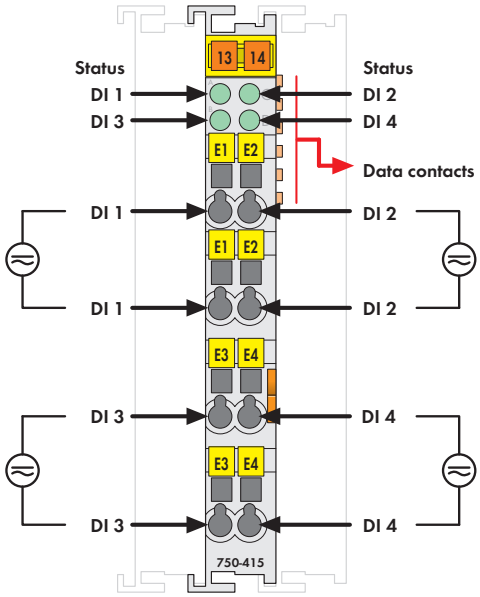
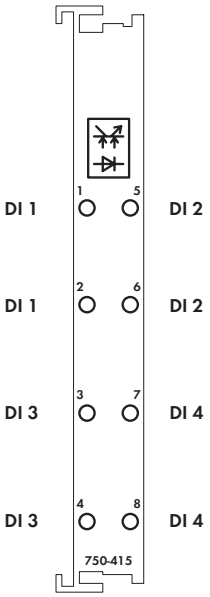
4-Channel Digital Input Module AC / DC 24 V

2-conductor connection





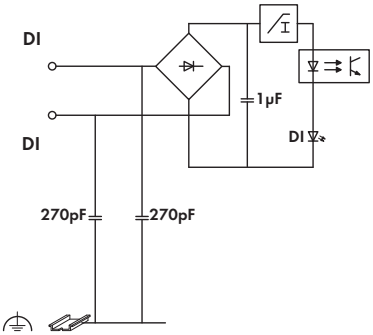


Fig. Series 750 / Technical data see page 28 / Delivery without Mini WSB marker Series 750 / 753 marking see pages 16 ... 17 / 18 ... 19

The digital input module receives control signals from digital field devices (sensors, etc.).

For AC/DC operation, the inputs have a bridge rectifier, a capacitor and a current limitation.

Each input has a noise-rejection filter with a time constant.

An optocoupler is used for electrical isolation between the bus and the field side.
All inputs are isolated.

Description	Item no.	Pack. unit
4DI 24V AC/DC 20ms	**750-415**	1
4DI 24V AC/DC 20ms (without connector)	**753-415**	1

Accessories		Item no.	Pack. unit
	753 Series connector	**753-110**	25
	Coding elements	**753-150**	100
	**Miniature WSB Quick marking system**		
	plain	**248-501**	5
	with marking	see pages 256 ... 257	

Approvals	
Series 750 and 753	
UL 508	
Conformity marking	CE
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4
Series 750	
EN 60079-15	I M2 / II 3 GD Ex nA IIC T4
	BR-Ex nA II T4
Marine applications	see "Approvals Overview" in section 1

Technical Data	
No. of inputs	4
Current consumption (internal)	10 mA
Signal voltage (0)	DC -3 V ... +5 V; AC 0 V .. 5V
Signal voltage (1)	DC 11 V ... 30 V; AV 10 V .. 27 V
Input filter	20 ms
Input current (typ.)	DC 7.5 mA; AC 9.5 mA
Isolation	500 V system/supply ;
	50 V channel/channel
Internal bit width	4 bits
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Stripped lengths (750 / 753 Series)	8 ... 9 mm / 0.33 in
	9 ... 10 mm / 0.37 in
Width	12 mm
Weight	49,5 g
EMC CE-Immunity to interference	acc. to EN 50082-2 (1996)
EMC CE-Emission of interference	acc. to EN 50081-1 (1993)
EMC marine applications - Immunity to	acc. to Germanischer Lloyd (2003)
EMC marine applications - Emission of	acc. to Germanischer Lloyd (2003)

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