4-Channel Digital Input Module AC / DC 42 V

2-conductor connection

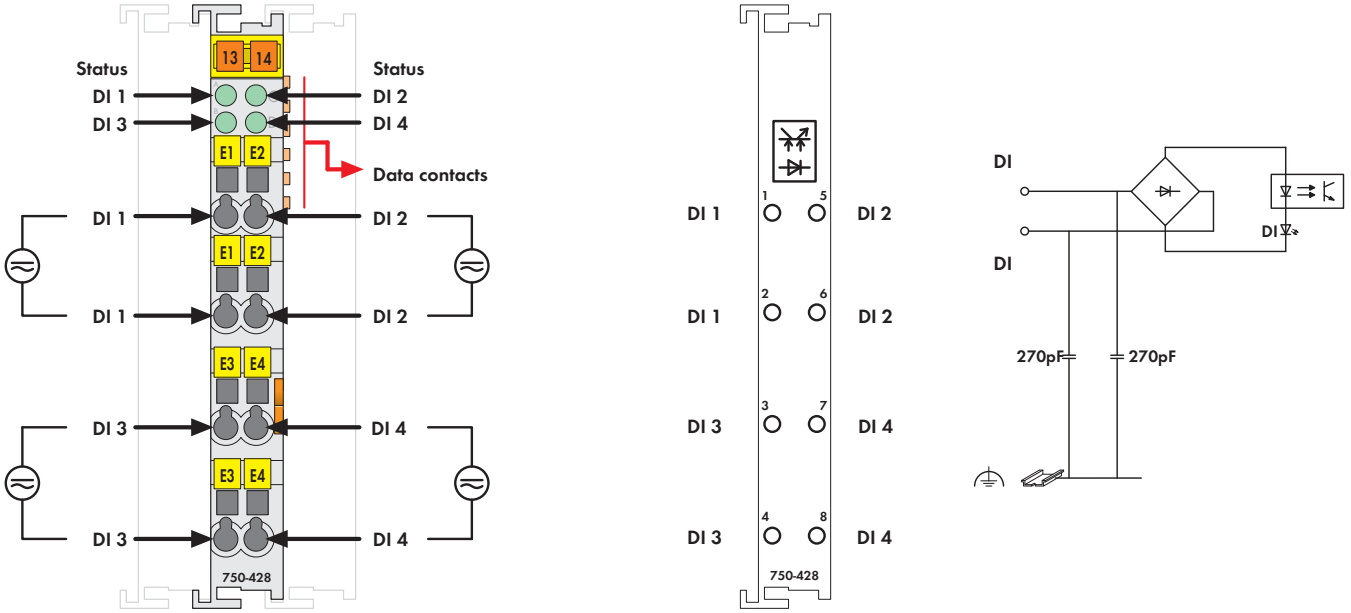

Fig. Series 750 / Technical data see page 28 / Delivery without Mini WSB marker
Series 750 / 753 marking see pages 16 ... 17 / 18 ... 19

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

Each input module 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 42V AC/DC 20ms	**750-428**	1
4DI 42V AC/DC 20ms (without connector)	**753-428**	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	
cULus UL 508	
Conformity marking	CE
Ex cULus ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4
Series 750	
Ex EN 60079-15	I M2 / II 3 GD Ex nA IIC T4

Technical Data

No. of inputs	4
Current consumption (internal)	5 mA
Signal voltage (0)	DC -3 V ... +10 V; AC 0 V ... 10 V
Signal voltage (1)	DC 30 V ... 53 V; AC 30 V ... 53 V
Input filter	20 ms
Input current (typ.)	DC 3.6 mA; AC 6.0 mA
Isolation	AC 500 V system/supply;
	AC 500 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)

WAGO Kontakttechnik GmbH & Co. KG
Postfach 2880 • D-32385 Minden Tel.: +49(0)571/887-0 E-Mail: info@wago.com
Hansastr. 27 • D-32423 Minden Fax: +49(0)571/887-169 www.wago.com