

4-Channel Digital Input Module 42 V AC/DC

2-conductor connection

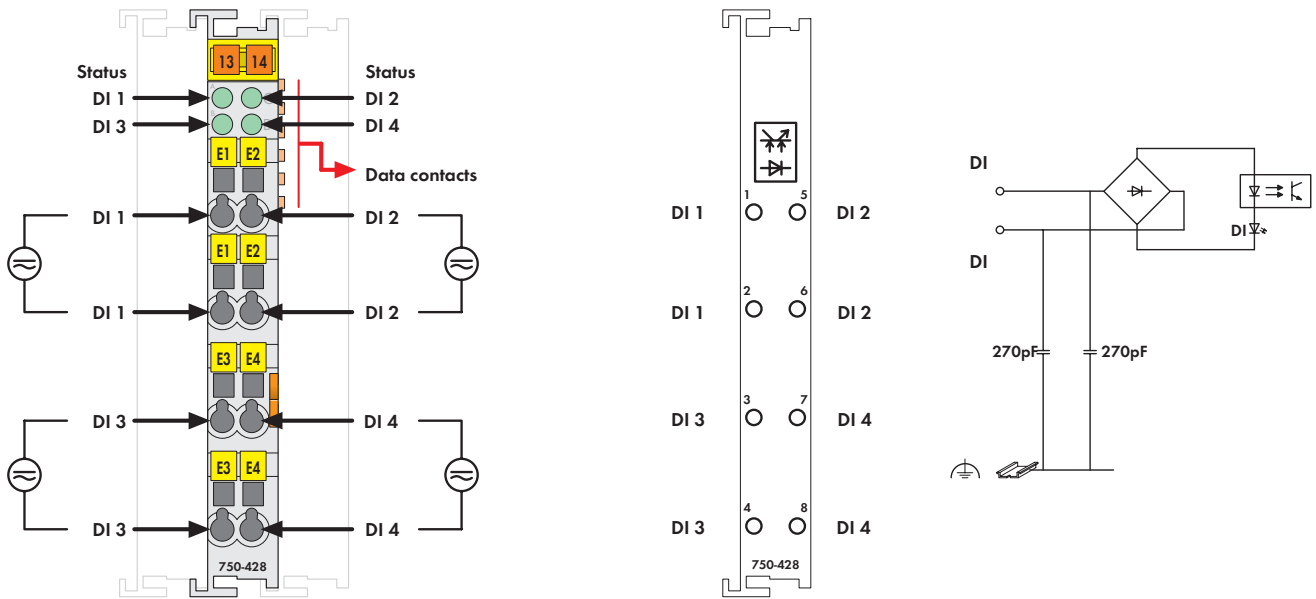






Fig. 750 Series/Technical data see page 24/Delivered without miniature WSB markers
750/753 Series marking see pages 10 ... 11 / 12 ... 13

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		
 753 Series Connectors	753-110	25
 Coding elements	753-150	100
Miniature WSB Quick marking system		
 plain	248-501	5
 with marking	see pages 352 ... 353	
Approvals		
Also see "Approvals Overview" in Section 1		
Conformity marking	CE	
UL 508		
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4	
EN 60079-0, -15	I M2 / II 3 GD Ex nA IIC T4	
EN 61241-0, -1		

Technical Data	
Number of inputs	4
Current consumption (internal)	5 mA
Signal voltage (0)	-3 V ... +10 V DC; 0 V ... 10 V AC
Signal voltage (1)	30 V ... 53 V DC; 30 V ... 53 V AC
Input filter	20 ms
Input current (typ.)	3.6 mA DC; 6.0 mA AC
Isolation	500 V AC system/supply; 500 V AC channel/channel
Internal bit width	4 bits
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm ² ... 2.5 mm ² / 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 61000-6-2 (2005)
EMC: CE - emission of interference	acc. to EN 61000-6-4 (2007)