

# 4-Channel Digital Input Module 24 V AC/DC

2- to 3-conductor connection; with power jumper contacts

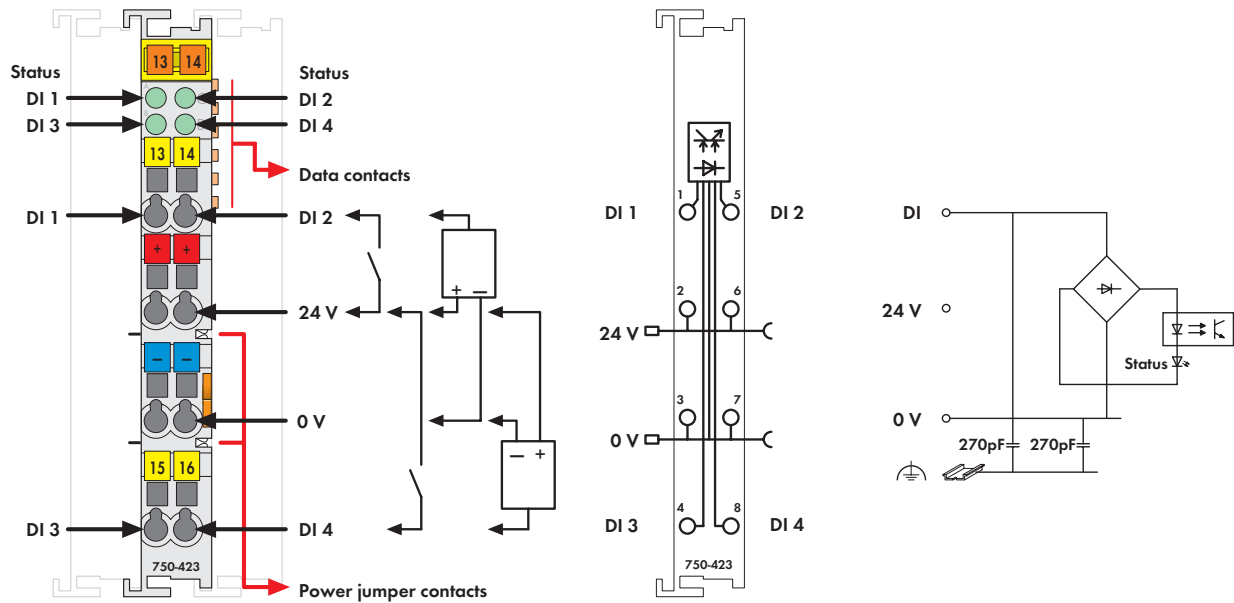


Fig. 750 Series/Technical data see page 24/Delivered without miniature WSB markers  
750/753 Series marking see pages 10 ... 11 / 12 ... 13

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.

**Notice:**

An additional supply module must be added for operation with 24VAC.

Description	Item No.	Pack. Unit
4DI 24V AC/DC, 50ms, power contacts	750-423	1
4DI 24V AC/DC, 50ms, power contacts (without connector)	753-423	1
<b>Accessories</b>		
753 Series Connectors	753-110	25
Coding elements	753-150	100
<b>Miniature WSB Quick marking system</b>		
plain	248-501	5
with marking	see pages 352 ... 353	
<b>Approvals</b>		
Conformity marking	Also see "Approvals Overview" in Section 1	
Shipbuilding	CE ABS, DNV, GL, KR, PRS*, RINA* *753 Series, pending	
UL 508	Class I, Div. 2, Grp. ABCD, T4	
ANSI/ISA 12.12.01	BR-Ex nA II T4	
IEC 60079-0, -15	I M2 / II 3 GD Ex nA IIC T4	
EN 60079-0, -15	EN 61241-0, -1	

Technical Data	
Number of inputs	4
Current consumption (internal)	10 mA
Voltage via power jumper contacts	24 V DC (-15 % ... +20 %)
Signal voltage (0)	-3 V ... +5 V DC; 0 V .. 5 V AC
Signal voltage (1)	11 V ... 30 V DC; 10 V .. 27 V AC
Input filter	50 ms
Input current (typ.)	7.5 mA DC; 9.5 mA AC
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 lengths, 750/753 Series	8 ... 9 mm / 0.33 in
	9 ... 10 mm / 0.37 in
Width	12 mm
Weight	65 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)
EMC: marine applications	
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