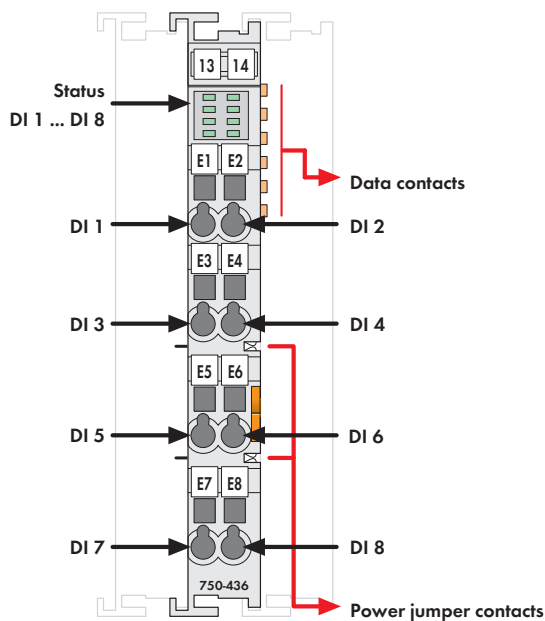
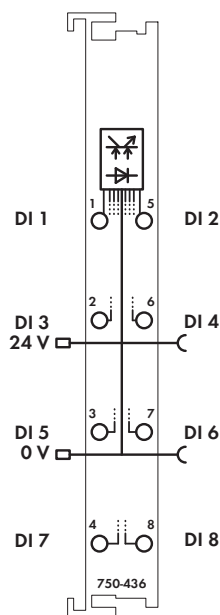


8-Channel Digital Input Module DC 24 V

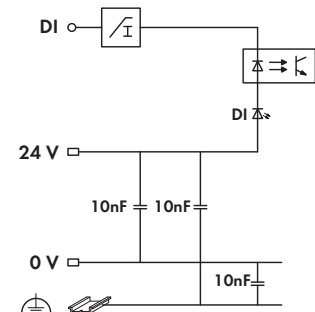
1-conductor connection; low-side switching



Delivery without Mini WSB marker



NOTE: Connection point marking (i.e., 1 ... 8) does not refer to channel assignment



The digital input module provides 8 channels maintaining a width of only 12 mm.

It receives control signals from the digital field devices (sensors, etc.).

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

Field and system levels are electrically isolated.

Description	Item no.	Pack. unit
8DI 24V DC 3.0ms	750-436	1
8DI 24V DC 0.2ms	750-437	1
Accessories		
Miniature WSB quick marking system,		
 plain	248-501	5
with marking	see pages 256 ... 257	
Approvals		
Series 750		
Conformity marking	CE	
UL 508		
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4	
EN 60079-15	I M2 / II 3 GD Ex nA IIC T4	
Marine applications	see "Approvals Overview" in section 1	

Technical Data	
No. of inputs	8
Current consumption max. (internal)	13 mA
Voltage via power jumper contacts	DC 24 V (-25 % ... +30 %)
Signal voltage (0)	DC 15 V ... 30 V
Signal voltage (1)	DC -3 V ... +5 V
Input filter	3.0 ms (750-436) 0.2 ms (750-437)
Input current (typ.)	2.8 mA
Isolation	500 V system/supply
Internal bit width	8 bits in
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Stripped lengths	8 ... 9 mm / 0.33 in
Width	12 mm
Weight	48 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 (2003)
EMC marine applications -	
Emission of interference	acc. to Germanischer Lloyd (2003)