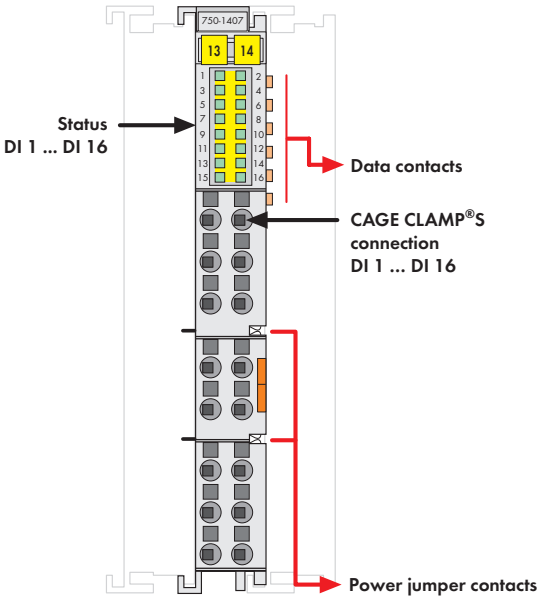
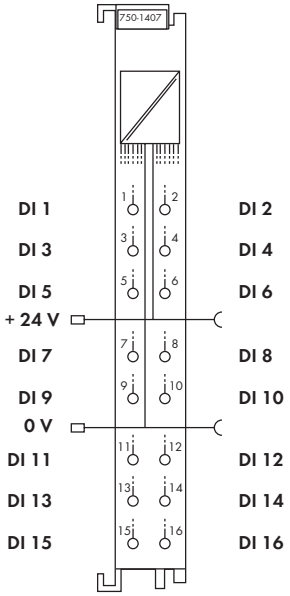
750-1407

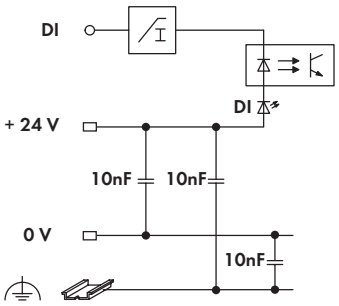
16-Channel Digital Input Module 24 V DC

Low-side switching



Delivered without miniature WSB markers





The digital input module provides 16 channels at a width of just 12mm (0.47in).
It receives binary control signals from digital field devices (e.g., sensors, encoders, switches or proximity switches).
CAGE CLAMP®S terminations provide direct insertion of solid conductors.
Each input channel has a noise-rejection RC filter with a 3.0ms time constant.
A green LED indicates the switched status of each channel.
An optocoupler provides electrical isolation between the bus and the field side.

Description	Item No.	Pack. Unit
16DI 24V DC 3.0ms, low-side switching	**750-1407**	1

Accessories		Item No.	Pack. Unit
Miniature WSB Quick marking system			
	plain	**248-501**	5
	with marking	see pages 352 ... 353	
Operating tool, with partially insulated shaft,			
Type 1, blade (2.5 x 0.4) mm		**210-719**	1

Approvals	Also see "Approvals Overview" in Section 1
Conformity marking	CE
Shipbuilding	ABS, DNV, GL, KR
UL 508	

Technical Data	
Number of inputs	16
Current consumption (internal)	25 mA
Voltage via power jumper contacts	24 V DC (-25 % ... +30 %)
Signal voltage (0)	(V_V - 5 V DC) ... V_V
Signal voltage (1)	-3 V DC ... (V_V - 15 V)
Input filter	3.0 ms
Input current (typ.)	-0.6 mA (at -3 V ... +5 V DC)
	-2.1 mA ... -2.4 mA (at 15 V ... +32 V DC)
Isolation	500 V system/field
Wire connection	CAGE CLAMP® S
Cross sections	solid: 0.08 mm² ... 1.5 mm² /
	AWG 28 ... 16
	fine-stranded: 0.25 mm² ... 1.5 mm² /
	AWG 22 ... 16
Stripped lengths	8 ... 9 mm / 0.33 in
Width	12 mm
Weight	60 g