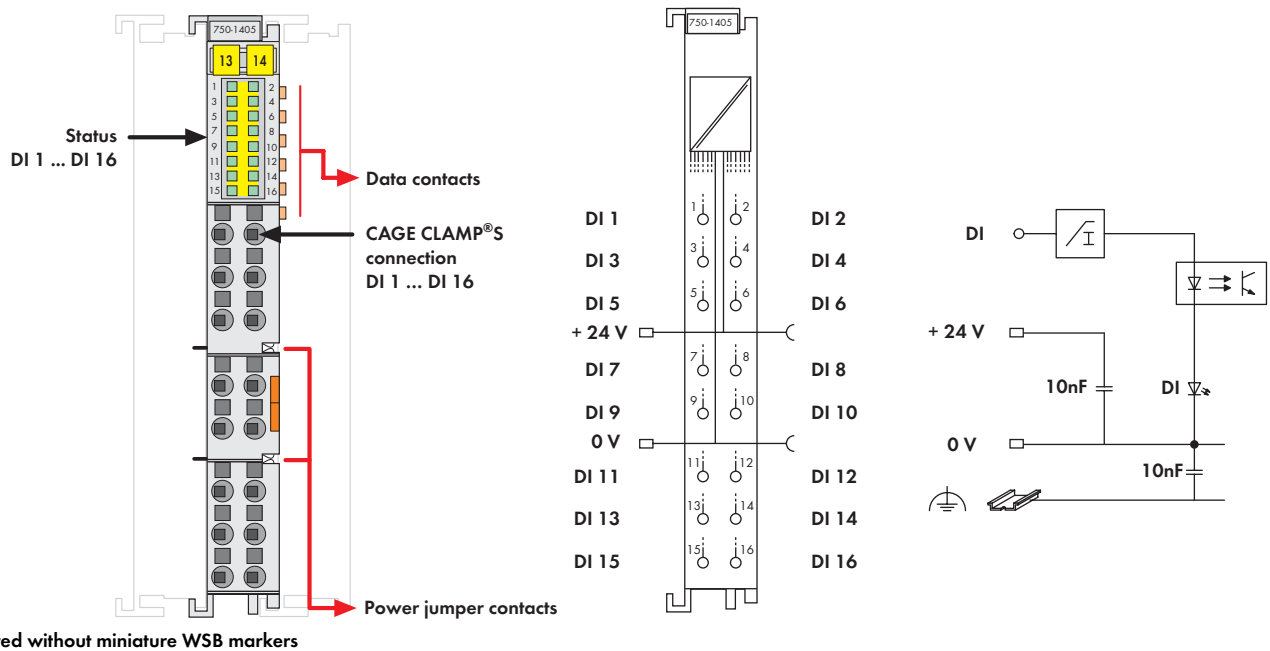


## 16-Channel Digital Input Module 24 V DC

High-side switching



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 24VDC 3.0ms	750-1405	1
<b>Accessories</b>		
<b>Miniature WSB Quick marking system</b>		
 plain	248-501	5
with marking	see pages 304 ... 305	
<b>Approvals</b>		
750 Series		
Conformity marking	CE	

Technical Data	
Number of inputs	16
Current consumption (internal)	25 mA
Voltage via power jumper contacts	24 V DC (-25 % ... +30 %)
Signal voltage (0)	-3 V ... +5 V DC
Signal voltage (1)	+15 V ... +30 V DC
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 mm <sup>2</sup> ... 1,5 mm <sup>2</sup> / AWG 28 ... 16 fine-stranded: 0,25 mm <sup>2</sup> ... 1,5 mm <sup>2</sup> / AWG 22 ... 16
Stripped lengths	8 ... 9 mm / 0.33 in
Width	12 mm
Weight	50 g