

Digital Input; 24 VDC; 3 ms



Figure: 750-421

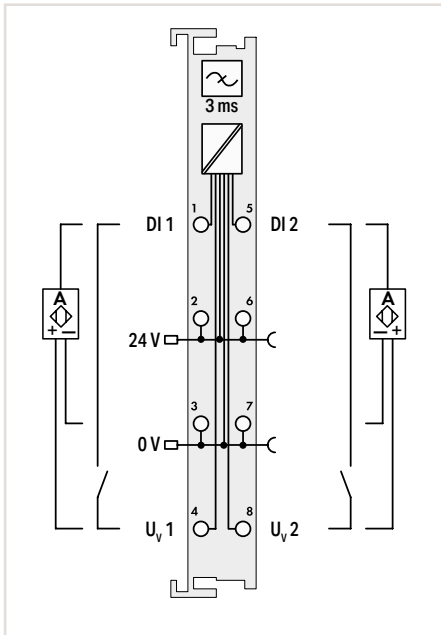
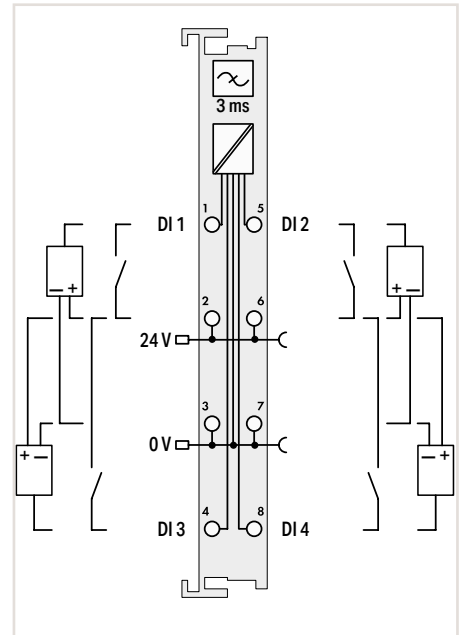


Figure: 750-402



Item Description	2-Channel Digital Input; 24 VDC; 3 ms; Diagnostics		4-Channel Digital Input; 24 VDC; 3 ms		
Version	Standard	Pluggable (delivery without connector)	Standard	Extended temperature	Pluggable (delivery without connector)
Item No.	750-421	753-421	750-402	750-402/025-000	753-402
Order Text	2DI; 24 VDC; 3ms; Diagn	2DI; 24 VDC; 3ms; Diagn	4DI; 24 VDC; 3ms	4DI; 24 VDC; 3ms; T	4DI; 24 VDC; 3ms
Technical Data					
Pluggable connector		●			●
Number of digital inputs	2		4		
Signal type	24 VDC		24 VDC		
Voltage range for signal (0)	-3 ... +5 VDC		-3 ... +5 VDC		
Voltage range for signal (1)	15 ... 30 VDC		15 ... 30 VDC		
Sensor connection	2-wire; 3-wire		2 x (2-wire; 3-wire)*		
Input characteristic	High-side switching		High-side switching		
Input filter (digital)	3 ms		3 ms		
Input current per channel for signal (1) typ.	3.7 mA		4.5 mA		
Supply voltage (sensor)	24 VDC; short-circuit-protected; isolated channels		24 VDC		
Supply voltage (field)	24 VDC (-25 ... +30 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)		24 VDC (-25 ... +30 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)		
Current consumption – system supply (5 V)	12 mA		7.5 mA		
Data width (internal)	4 bits		4 bits		
Diagnostics	Short circuit; automatic acknowledgement after error rectified				
Isolation	500 V system/field		500 V system/field		
Surrounding air temperature (operation)	0 ... +55 °C		0 ... +55 °C	-20 ... +60 °C	0 ... +55 °C
Dimensions W x H x D	12 x 69.8 x 100 mm		12 x 69.8 x 100 mm		
Approvals	CE; Marine; OrdLoc/HazLoc; ATEX/IECEX		CE; Marine; OrdLoc/HazLoc; ATEX/IECEX		
Data sheet and further information, see:	wago.com/750-421	wago.com/753-421	wago.com/750-402	wago.com/753-402	
Accessories		Item No.		Item No.	
Pluggable connector		753-110		753-110	
Coding keys		753-150		753-150	

*A suitable field side connection module (e.g., 750-614) must also be used to connect other sensors.