

Digital Input; 24 VDC; 3 ms



Figure: 750-421

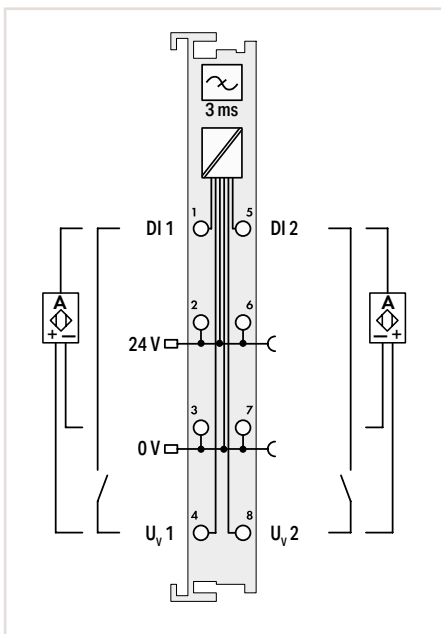
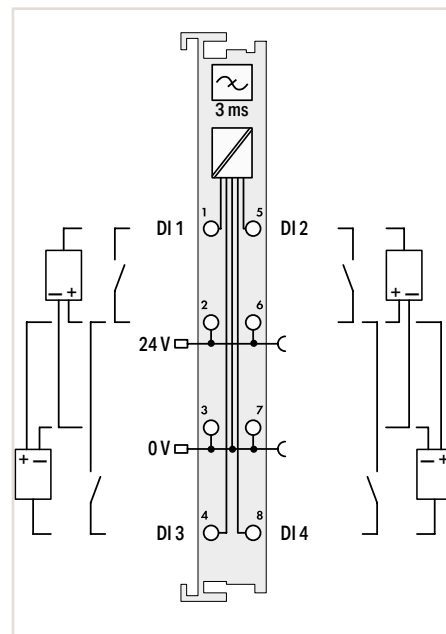


Figure: 750-402



Item Description

Version

Item No.

Order Text

2-Channel Digital Input; 24 VDC; 3 ms; Diagnostics

Standard

Pluggable (delivery without connector)

750-421

2DI; 24 VDC; 3ms;
Diagn

753-421

2DI; 24 VDC; 3ms;
Diagn

4-Channel Digital Input; 24 VDC; 3 ms

Standard

Extended temperature

Pluggable (delivery without connector)

750-402

4DI; 24 VDC;
3ms

750-402/025-000

4DI; 24 VDC;
3ms; T

753-402

4DI; 24 VDC;
3ms

Technical Data

Pluggable connector		•
Number of digital inputs	2	
Signal type	24 VDC	
Voltage range for signal (0)	-3 ... +5 VDC	
Voltage range for signal (1)	15 ... 30 VDC	
Sensor connection	2-wire; 3-wire	
Input characteristic	High-side switching	
Input filter (digital)	3 ms	
Input current per channel for signal (1) typ.	3.7 mA	
Supply voltage (sensor)	24 VDC; short-circuit-protected; isolated channels	
Supply voltage (field)	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	
Data width (internal)	4 bits	
Diagnostics	Short circuit; automatic acknowledgement after error rectified	
Isolation	500 V system/field	
Surrounding air temperature (operation)	0 ... +55 °C	
Dimensions W x H x D	12 x 69.8 x 100 mm	
Approvals	CE, Marine; OrdLoc/HazLoc; ATEX/IECEX	
Data sheet and further information, see:	wago.com/750-421	wago.com/753-421

Accessories

Pluggable connector
Coding keys

Item No.

753-110
753-150

		•
4		
24 VDC		
-3 ... +5 VDC		
15 ... 30 VDC		
2 x (2-wire; 3-wire)*		
High-side switching		
3 ms		
4.5 mA		
24 VDC		
24 VDC (-25 ... +30 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)		
7.5 mA		
4 bits		
500 V system/field		
0 ... +55 °C	-20 ... +60 °C	0 ... +55 °C
12 x 69.8 x 100 mm		
CE, Marine; OrdLoc/HazLoc; ATEX/IECEX		
wago.com/750-402	wago.com/753-402	

	Item No.
	753-110
	753-150

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