

## Digital Input; 24 VAC/DC



Figure: 750-415

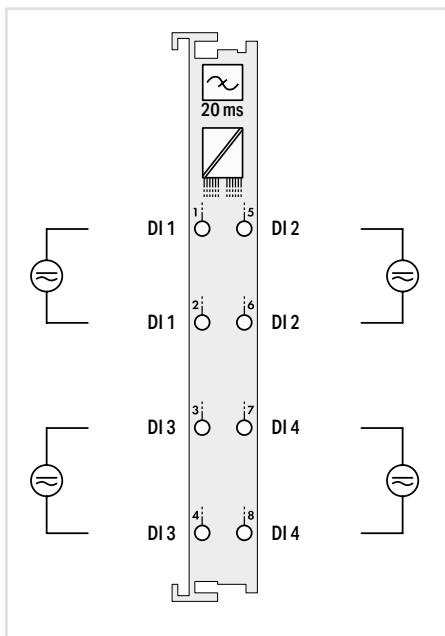
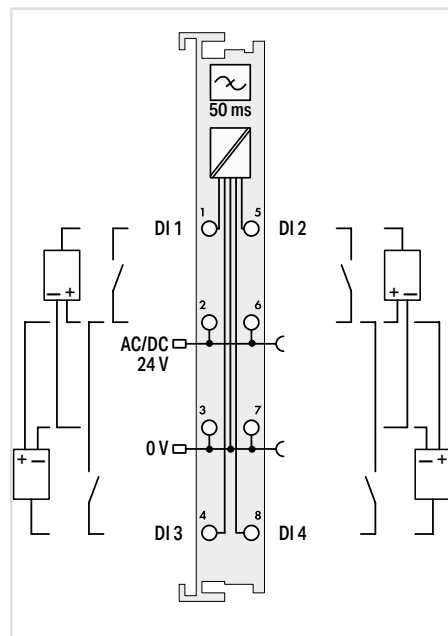


Figure: 753-415



Item Description	
Version	
Item No.	
Order Text	

4-Channel Digital Input; 24 VAC/DC; 20 ms	
Standard	Pluggable (delivery without connector)
750-415	753-415
4DI; 24 VAC/VDC; 20ms	4DI; 24 VAC/VDC; 20ms

4-Channel Digital Input; 24 VAC/DC; 50 ms	
Standard	Pluggable (delivery without connector)
750-423	753-423
4DI; 24 VAC/VDC; 50ms	4DI; 24 VAC/VDC; 50ms

Technical Data	
Pluggable connector	
Number of digital inputs	4
Signal type	24 VAC/DC
Voltage range for signal (0)	-3 ... +5 VDC; 0 ... 5 VAC
Voltage range for signal (1)	11 ... 30 VDC; 10 ... 27 VAC
Sensor connection	2-wire
Input characteristic	High-side switching
Input filter (digital)	20 ms
Input current (typ.) at 24 VDC	7.5 mA
Input current (typ.) at 24 VAC	9.5 mA
Supply voltage (sensor)	
Supply voltage (field)	

	•
	4
	24 VAC/DC
	-3 ... +5 VDC; 0 ... 5 VAC
	11 ... 30 VDC; 10 ... 27 VAC
	2-wire
	High-side switching
	20 ms
	7.5 mA
	9.5 mA

	•
	4
	24 VAC/DC
	-3 ... +5 VDC; 0 ... 5 VAC
	11 ... 30 VDC; 10 ... 27 VAC
	2 x (2-wire; 3-wire)*
	High-side switching
	50 ms
	7.5 mA
	9.5 mA

Current consumption – system supply (5 V)	10 mA
Data width (internal)	4 bits
Isolation	500 V (system/field); 50 V (channel/channel)
Surrounding air temperature (operation)	0 ... +55 °C
Dimensions W x H x D	12 x 69.8 x 100 mm

	10 mA
	4 bits
	500 V (system/field); 50 V (channel/channel)
	0 ... +55 °C
	12 x 69.8 x 100 mm

	10 mA
	4 bits
	500 V system/field
	0 ... +55 °C
	12 x 69.8 x 100 mm

Approvals	
CE; Marine; OrdLoc/HazLoc; ATEX/IECEX	
Data sheet and further information, see:	
wago.com/750-415	wago.com/753-415

CE; Marine; OrdLoc/HazLoc; ATEX/IECEX	
wago.com/750-415	wago.com/753-415

CE; Marine; OrdLoc/HazLoc; ATEX/IECEX	
wago.com/750-423	wago.com/753-423

Accessories	
Pluggable connector	Item No. 753-110
Coding keys	Item No. 753-150

	Item No. 753-110
	Item No. 753-150

	Item No. 753-110
	Item No. 753-150

Notice:  
An additional supply module must be added for 24 VAC supply!

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