

Digital Input; 24 VAC/DC



Figure: 750-415

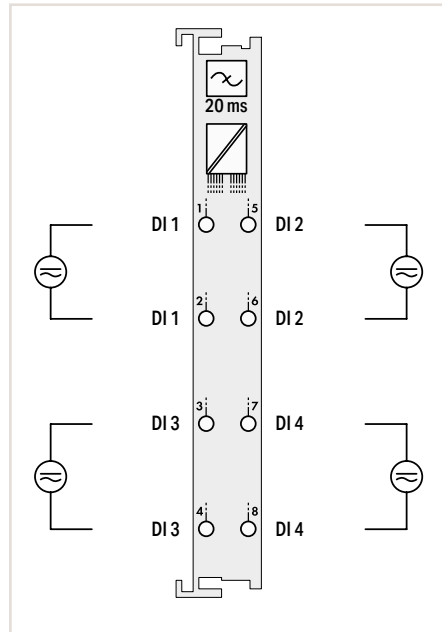
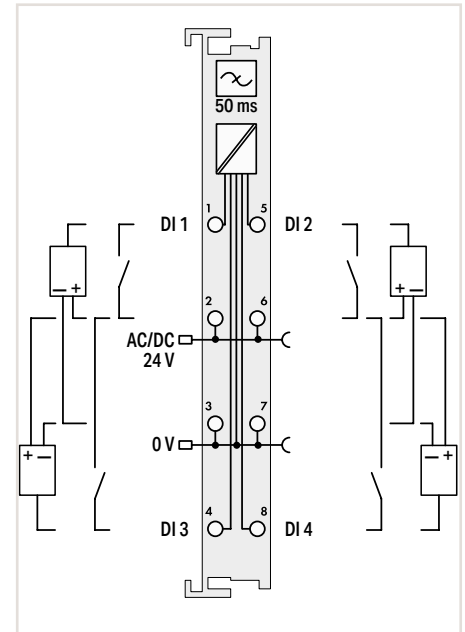


Figure: 753-415



Item Description		4-Channel Digital Input; 24 VAC/DC; 20 ms		4-Channel Digital Input; 24 VAC/DC; 50 ms	
Version		Standard	Pluggable (delivery without connector)	Standard	Pluggable (delivery without connector)
Item No.		750-415	753-415	750-423	753-423
Order Text		4DI; 24 VAC/VDC; 20ms	4DI; 24 VAC/VDC; 20ms	4DI; 24 VAC/VDC; 50ms	4DI; 24 VAC/VDC; 50ms
Technical Data					
Pluggable connector			•		•
Number of digital inputs		4		4	
Signal type		24 VAC/DC		24 VAC/DC	
Voltage range for signal (0)		-3 ... +5 VDC; 0 ... 5 VAC		-3 ... +5 VDC; 0 ... 5 VAC	
Voltage range for signal (1)		11 ... 30 VDC; 10 ... 27 VAC		11 ... 30 VDC; 10 ... 27 VAC	
Sensor connection		2-wire		2 x (2-wire; 3-wire)*	
Input characteristic		High-side switching		High-side switching	
Input filter (digital)		20 ms		50 ms	
Input current (typ.) at 24 VDC		7.5 mA		7.5 mA	
Input current (typ.) at 24 VAC		9.5 mA		9.5 mA	
Supply voltage (sensor)				24 VAC/DC	
Supply voltage (field)				24 V AC/DC (-15 ... +20 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)	
Current consumption – system supply (5 V)		10 mA		10 mA	
Data width (internal)		4 bits		4 bits	
Isolation		500 V (system/field); 50 V (channel/channel)		500 V system/field	
Surrounding air temperature (operation)		0 ... +55 °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/750-415	wago.com/753-415	wago.com/750-423	wago.com/753-423
Accessories		Item No.		Item No.	
Pluggable connector		753-110		753-110	
Coding keys		753-150		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.