

Digital Input; 24 VDC; 3 ms; Low-Side Switching



Figure: 750-408

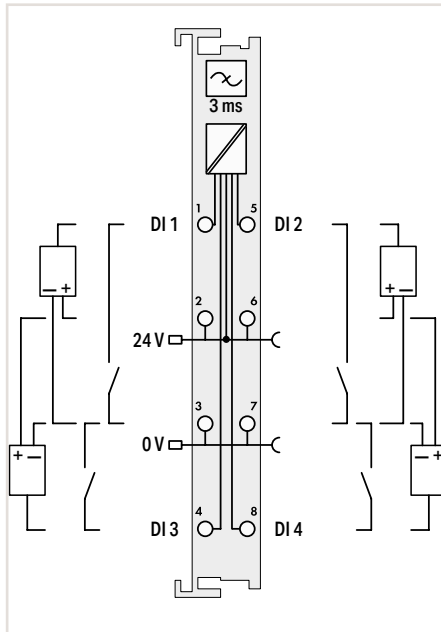
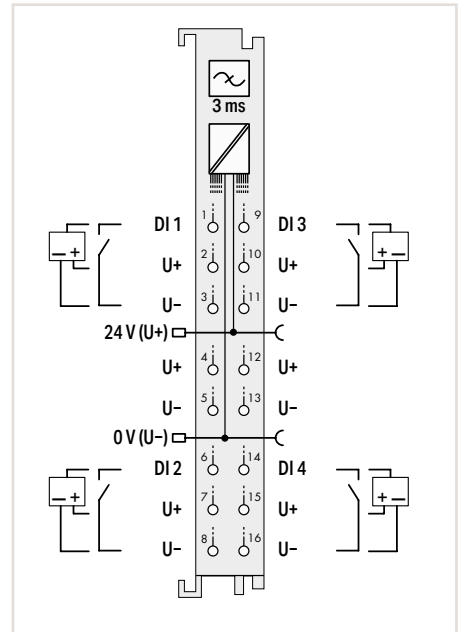


Figure: 750-1422



Item Description	4-Channel Digital Input; 24 VDC; 3 ms; Low-side switching			4-Channel Digital Input; 24 VDC; 3 ms; Low-side switching; 3-wire connection
Version	Standard	Extended temperature	Pluggable (delivery without connector)	Standard with 16 connectors
Item No.	750-408	750-408/025-000	753-408	750-1422
Order Text	4DI; 24 VDC; 3ms; LSS	4DI; 24 VDC; 3ms; LSS; T	4DI; 24 VDC; 3ms; LSS	4DI; 24 VDC; 3ms; LSS; 3-wire
Technical Data				
Pluggable connector			•	
Number of digital inputs	4			4
Signal type	24 VDC			24 VDC
Voltage range for signal (0)	$(U_V - 5 V) \dots U_V$ DC			$(U_V - 5 V) \dots U_V$ DC
Voltage range for signal (1)	-3 VDC ... $(U_V - 15 V)$			-3 VDC ... $(U_V - 15 V)$
Sensor connection	2 x (2-wire; 3-wire)*			3-wire
Input characteristic	Low-side switching			Low-side switching
Input filter (digital)	3 ms			3 ms
Input current per channel for signal (0) typ.	7 mA			2.5 mA
Supply voltage (sensor)	24 VDC			24 VDC
Supply voltage (field)	24 VDC (-15 ... +20 %); 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)	5 mA			7 mA
Data width (internal)	4 bits			4 bits
Isolation	500 V system/field			500 V system/field
Surrounding air temperature (operation)	0 ... +55 °C	-20 ... +60 °C	0 ... +55 °C	0 ... +55 °C
Dimensions W x H x D	12 x 69.8 x 100 mm			12 x 69 x 100 mm
Approvals	CE; Marine; OrdLoc/HazLoc; ATEX/IECEx			CE; Marine; OrdLoc/HazLoc; ATEX/IECEx
Data sheet and further information, see:	wago.com/750-408		wago.com/753-408	wago.com/750-1422
Accessories				
Pluggable connector				Item No. 753-110
Coding keys				753-150

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