

Digital Input; 24 VDC; 0.2 ms; Low-Side Switching



Figure: 750-437

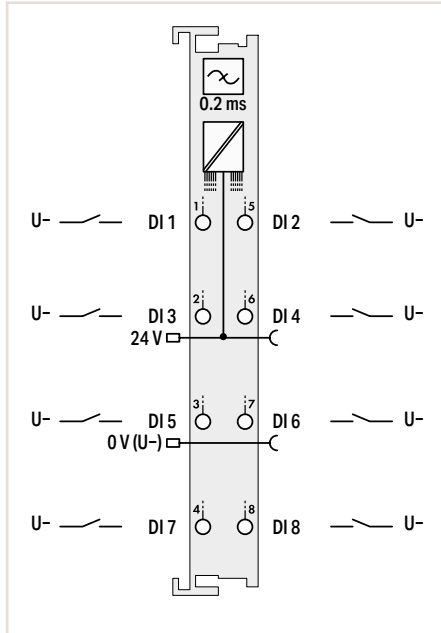
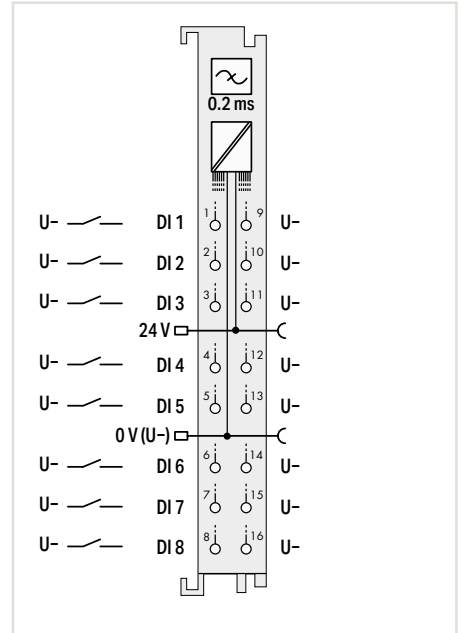


Figure: 750-1418



Item Description	8-Channel Digital Input; 24 VDC; 0.2 ms; Low-side switching		8-Channel Digital Input; 24 VDC; 0.2 ms; Low-side switching; 2-wire connection
Version	Standard		Standard with 16 connectors
Item No.	750-437	753-437	750-1418
Order Text	8DI; 24 VDC; 0.2ms; LSS	8DI; 24 VDC; 0.2ms; LSS	8DI; 24 VDC; 0.2ms; LSS; 2-wire
Technical Data			
Pluggable connector			
Number of digital inputs	8		8
Signal type	24 VDC		24 VDC
Voltage range for signal (0)	15 ... 30 VDC		(U _V - 5 V) ... U _V DC
Voltage range for signal (1)	-3 ... +5 VDC		-3 VDC ... (U _V - 15 V)
Sensor connection	1-wire		2-wire
Input characteristic	Low-side switching		Low-side switching
Input filter (digital)	0.2 ms		0.2 ms
Input current per channel for signal (0) typ.	2.8 mA		2.4 mA
Supply voltage (sensor)	24 VDC		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)	13 mA		12 mA
Data width (internal)	8 bits		8 bits
Isolation	500 V system/field		500 V system/field
Surrounding air temperature (operation)	0 ... +55 °C		0 ... +55 °C
Dimensions W x H x D	12 x 67.8 x 100 mm	12 x 69 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/750-437	wago.com/753-437	wago.com/750-1418
Accessories			
Pluggable connector		Item No.	
Coding keys		753-110	
		753-150	