

Digital Input; 5 (12) VDC; 0.2 ms



Figure: 750-414

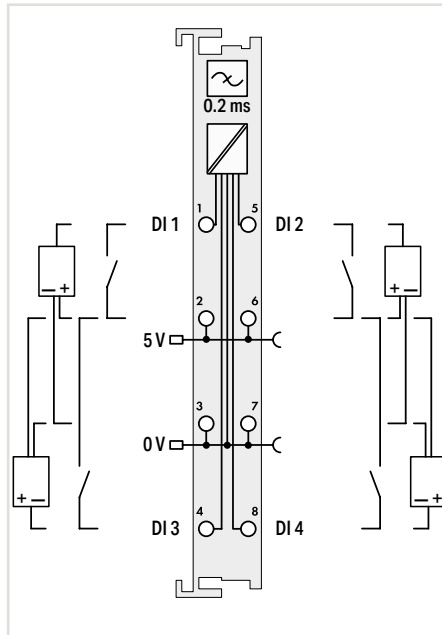
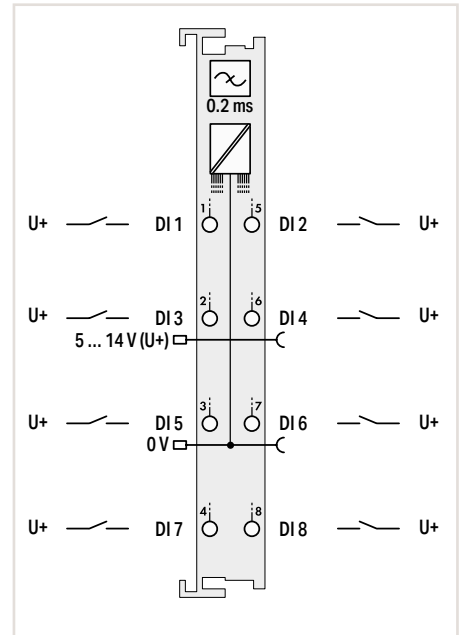


Figure: 753-434



Item Description	4-Channel Digital Input; 5 VDC; 0.2 ms	8-Channel Digital Input; 5/12 VDC; 0.2 ms
Version	Standard	Pluggable (delivery without connector)
Item No.	750-414	753-434
Order Text	4DI; 5 VDC; 0.2ms	8DI; 5/12 VDC; 0.2ms
Technical Data		
Pluggable connector		●
Number of digital inputs	4	8
Signal type	5 VDC	5 ... 14 VDC
Voltage range for signal (0)	0 ... 0.8 VDC	-3 VDC ... 0.2 x U _V
Voltage range for signal (1)	2.4 ... 5 VDC	0.5 U _V ... 1.1 U _V DC
Sensor connection	2 x (2-wire; 3-wire)*	1-wire
Input characteristic	High-side switching	High-side switching
Input filter (digital)	0.2 ms	0.2 ms
Input current per channel for signal (1) typ.	0.05 mA	0.06 mA
Supply voltage (sensor)	5 VDC	
Supply voltage (field)	5 VDC; via power jumper contacts (power supply via blade contact; transmission via spring contact)	5 ... 14 VDC (-15 ... +20 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)
Current consumption – system supply (5 V)	5 mA	4 mA
Data width (internal)	4 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 69.8 x 100 mm	12 x 69 x 100 mm
Approvals	CE, UL, OrdLoc/HazLoc	CE, UL, Marine, OrdLoc/HazLoc; ATEX/IECEX
Data sheet and further information, see:	wago.com/750-414	wago.com/753-434
Accessories		
Pluggable connector		Item No. 753-110
Coding keys		753-150

Notice:
An additional supply module must be added for operation with 5 VDC!

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

Notice:
An additional supply module must be added for 5–14 VDC supply!

„ Mini-WSB marker card and mounting accessories, see Section “Accessories and Tools”

„ Approvals and corresponding ratings, see page 518 or www.wago.com