

Analog Input; ±10 VDC; Single-Ended

5.4



Figure: 750-476

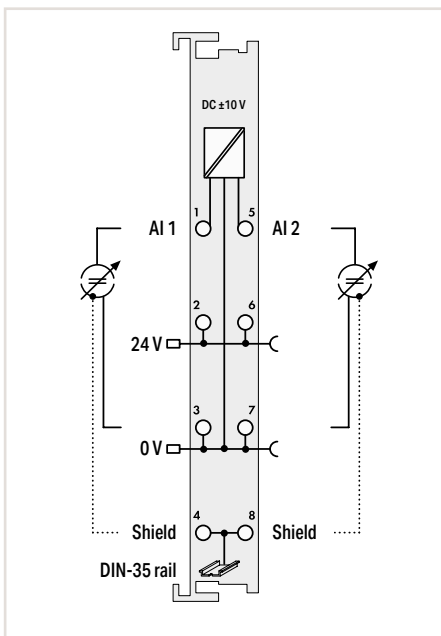
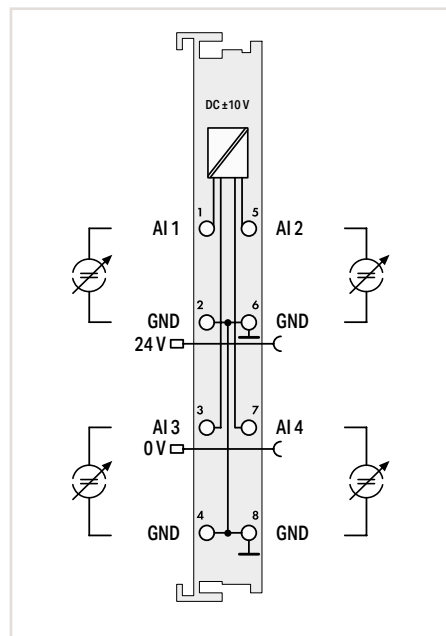


Figure: 750-457



Item Description	2-Channel Analog Input; ±10 VDC; Single-ended; 16 bits			4-Channel Analog Input; ±10 VDC; Single-ended		
Version	Standard	Data format (S5 control)	Pluggable (delivery without connector)	Standard	Extended temperature	Pluggable (delivery without connector)
Item No.	750-476	750-476/000-200	753-476	750-457	750-457/025-000	753-457
Order Text	2AI; ±10 VDC; SE; 16bits	2AI; ±10 VDC; SE; 16bits; S5	2AI; ±10 VDC; SE; 16bits	4AI; ±10 VDC; SE	4AI; ±10 VDC; SE; T	4AI; ±10 VDC; SE
Technical Data						
Pluggable connector			•			•
Customized data format for S5 control*		•				
Number of analog inputs	2			4		
Signal type	±10 V			±10 V		
Signal characteristic	Single-ended			Single-ended		
Resolution	15 bits + sign			12 bits		
Conversion time	80 ms			10 ms		
Internal resistance	130 kΩ			> 100 kΩ		
Input voltage (max.)	24 V			±40 V		
Input filter (analog)	50 Hz	60 Hz	50 Hz			
Measuring error (max.) at 25 °C	±0.1 % of the upper-range value			±0.1 % of the upper-range value		
Temperature error (max.)	±0.01 % of the upper-range value			±0.01 % of the upper-range value		
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)	75 mA			65 mA		
Data width	2 x 16-bit data; 2 x 8-bit control/status (optional)			4 x 16-bit data; 4 x 8-bit control/status (optional)		
Isolation	500 V (system/field)			500 V (system/field)		
Surrounding air temperature (operation)	0 ... +55 °C			0 ... +55 °C	-20 ... +60 °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/750-476		wago.com/753-476	wago.com/750-457		wago.com/753-457
Accessories			Item No.			Item No.
Pluggable connector			753-110			753-110
Coding keys			753-150			753-150

*The S5 format allows you to import data with the