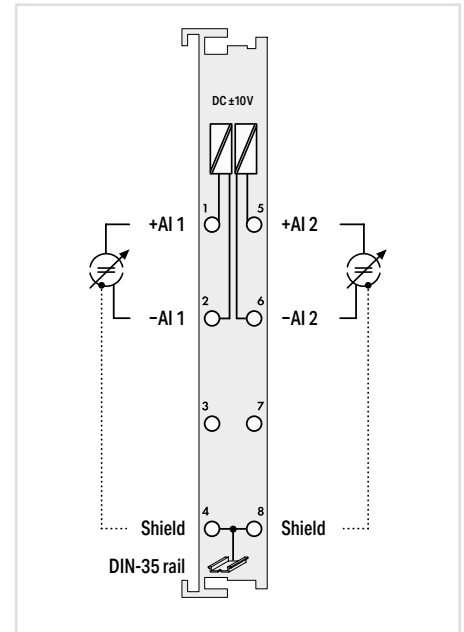
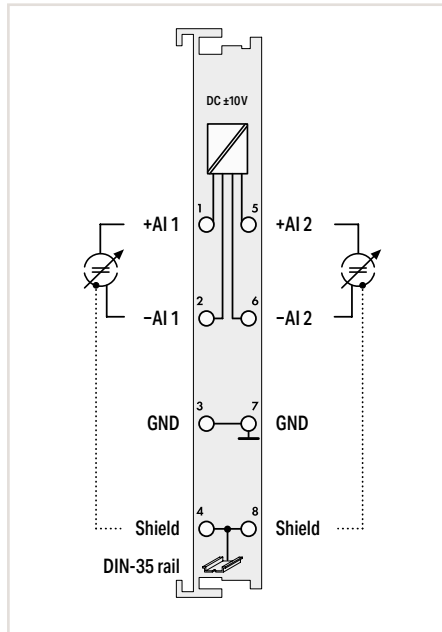


Analog Input; ±10 VDC; Differential Input



Figure: 750-456

Figure: 750-479



Item Description	2-Channel Analog Input; ±10 VDC; Differential input			2-Channel Analog Input; ±10 VDC; Differential input		
Version	Standard	Data format (S5 control)	Pluggable (delivery without connector)	Standard	Synchronous	Pluggable (delivery without connector)
Item No.	750-456	750-456/000-200	753-456	750-479	750-479/000-001	753-479
Order Text	2AI; ±10 VDC; Diff	2AI; ±10 VDC; Diff; S5	2AI; ±10 VDC; Diff	2AI; ±10 VDC; Diff	2AI; ±10 VDC; Diff; Sync	2AI; ±10 VDC; Diff
Technical Data						
Extended functionality				Time-synchronized measured value acquisition within the module	Time-synchronized measured value acquisition within the module	Time-synchronized measured value acquisition within the module
Pluggable connector						
Customized data format for S5 control*						
Number of analog inputs	2			2		
Signal type	±10 V			±10 V		
Signal characteristic	Differential			Differential		
Resolution	12 bits			13 bits + sign		
Conversion time	2 ms			1 ms		
Internal resistance	570 kΩ			1 MΩ		
Input filter (analog)				5 kHz		
Admissible continuous overload				60 V		
Measuring error (max.) at 25 °C	±0.2 % of the upper-range value			±0.05 % of the upper-range value		
Temperature error (max.)	±0.015 %/K of the upper-range value			±0.01 % of the upper-range value		
Current consumption – system supply (5 V)	80 mA			100 mA		
Data width	2 x 16-bit data; 2 x 8-bit control/status (optional)			2 x 16-bit data; 2 x 8-bit control/status (optional)		
Isolation	500 V (system/field)			500 V (system/field or channel/channel)		
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/750-456		wago.com/753-456	wago.com/750-479		wago.com/753-479
Accessories						
Pluggable connector				Item No. 753-110		
Coding keys				Item No. 753-150		