

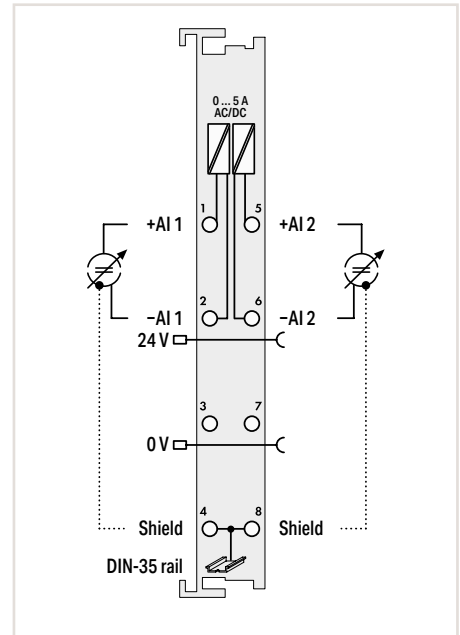
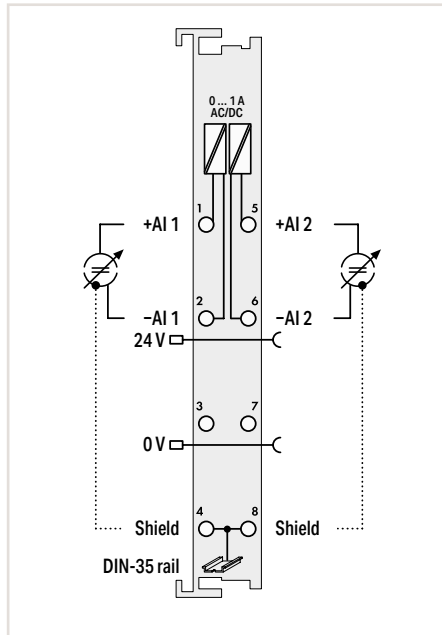
Analog Input; 0 ... 1 A or 0 ... 5 AAC/DC; Differential Input

5.4



Figure: 750-475

Figure: 753-475



Item Description	2-Channel Analog Input; 0 ... 1 AAC/DC; Differential input		2-Channel Analog Input; 0 ... 5 AAC/DC; Differential input
Version			0 ... 5 AAC/DC
Item No.	750-475	753-475	750-475/020-000
Order Text	2AI; 0-1A AC/DC; Diff	2AI; 0-1A AC/DC; Diff	2AI; 0-5A AC/DC; Diff
Technical Data			
Pluggable connector			
Number of analog inputs	2		2
Signal type	0 ... 1 A rms (peak value 2.0 A)		0 ... 5 A rms (peak value 6.0 A)
Signal characteristic	Differential		Differential
Input voltage (max.)	24 VAC/DC (-20 ... +20 %)		24 VAC/DC (-20 ... +20 %)
Resolution	15 bits		15 bits
Conversion time	200 ms		200 ms
Load impedance	22 mΩ		22 mΩ
Measuring error (max.) at 25 °C	±0.1 % of the upper-range value		±0.1 % of the upper-range value
Temperature error (max.)	±110 ppm/K of the upper-range value		±110 ppm/K 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)	80 mA		80 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 or channel/channel)		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/750-475	wago.com/753-475	wago.com/750-475/020-000
Accessories			
Pluggable connector			Item No. 753-110
Coding keys			753-150