4-Channel Analog Output Module ±10 V/0-10 V

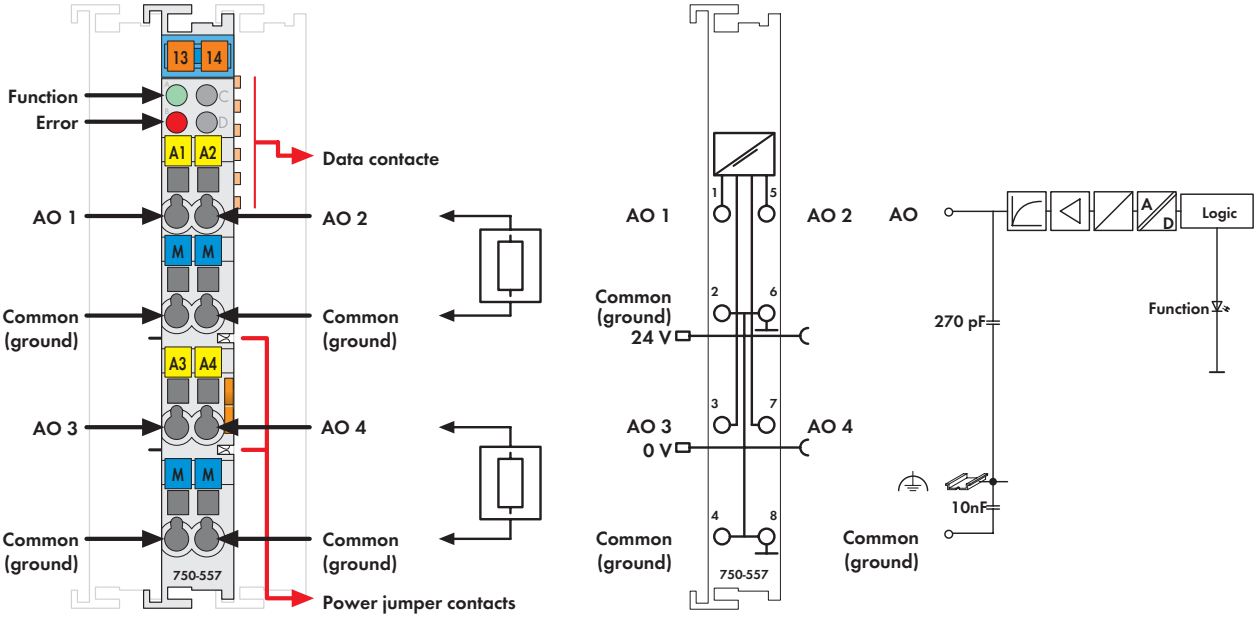

Fig. Series 750 / Technical data see page 30 / Delivery without Mini WSB marker
Series 750 / 753 marking see pages 20 ... 21 / 22 ... 23

The analog output module creates a standardized signal of ±10 V or 0-10 V.

The output signal is electrically isolated and will be transmitted with a resolution of 12 bits.

The system voltage supply is used for the power supply of the module.

The output channels of the module have one common potential.

Description	Item no.	Pack. unit
4AO ± 10V DC	**750-557**	10 [1]
4AO 0-10V DC	**750-559**	10 [1]
4AO ±10V DC (without connector)	**753-557**	10 [1]
4AO 0-10V DC (without connector)	**753-559**	10 [1]

[1] Also available individually

Accessories

	Item no.	Pack. unit
Connectors Series 753	**753-110**	25
Coding elements	**753-150**	100
Miniature WSB Quick marking system		
plain	**248-501**	5
with marking	see pages 214 ... 215	

Approvals

Series 750 and 753	
UL 508	
Conformity marking	CE
Series 750	
Marine applications	see pages 24 ... 27
EN 50021	II 3 G EEx nA II T4
UL 1604	Class I Div2 ABCD T4A

Technical Data

No. of outputs	4
Current consumption max (internal)	125 mA
Voltage supply	via system voltage DC / DC
Signal voltage	± 10 V (750-557, 753-557)
	0 V ... 10 V (750-559, 753-559)
Load impedance	> 5 kΩ
Resolution	12 bits
Conversion time typ.	10 ms
Output filter settle time typ.	100 ms
Measuring error (25 °C)	< ± 0.1 % of the full scale value
Temperature coefficient	< ± 0.01 % /K of the full scale value
Isolation	500 V system / supply
Bit width	4 x 16 bits data
	4 x 8 bits control / status (option)
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Stripped length series 750 / 753	8 ... 9 mm / 0.33 in
	9 ... 10 mm / 0.37 in
Width	12 mm
Weight	approx. 55 g
EMC CE-Immunity to interference	acc. to EN 50082-2 (1996)
EMC CE-Emission of interference	acc. to EN 50081-1 (1993)
EMC marine applications -	
Immunity to interference	acc. to Germanischer Lloyd (2001)
EMC marine applications -	
Emission of interference	acc. to Germanischer Lloyd (2001)

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