



Identification	Type	WAA 6-0509
	Part-No.	750509

Input

	0/10 V	0–20 mA	4–20 mA
Input resistance	330 kΩ	100 Ω	100 Ω
Input signal	adjustable via DIP switch S1		
Galvanic isolation I/O	2-way isolation		
Zero /Span	Production comparison		
Transmission frequency	30 Hz at 3 dB		

Load Side

	0/10 V	0–20 mA	4–20 mA
Max. load impedance at I-output		400 Ω	400 Ω
Max. load impedance at U-output	>1 kΩ		
Load impedance	55 Ω		
Output current	max. 21 mA		
Output signal	adjustable via DIP switch S1		
Ripple	<5 mV _{eff}		

General

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Part-No. 750509

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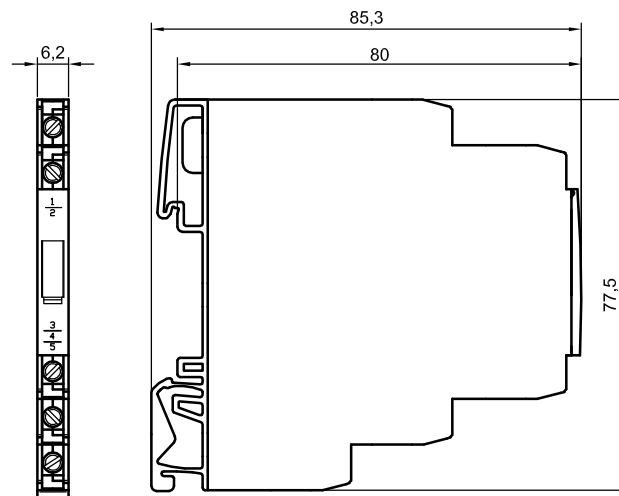


SYSTEMATIC TECHNOLOGY

Technical data sheet - Interface Technology

Nominal voltage	AC/DC 24 V
Operation voltage range	DC: 16.8–30 V; AC: 19.2–28.8 V
Rated current	12.0 mA
Status Indication	LED yellow
Input/output protection	Overvoltage AC/DC 30 V; Current input with PTC, Output short circuit-proof
Accuracy	0.1 % FSR (23 °C)
Linearity error	0.02 %
Rise time (10 - 90%)	10 ms
Build-up time (Accuracy 1%)	30 ms
Transmission frequency	<30 Hz
Temperature coefficient	<150 ppm / K FSR
Insulation voltage input/output	1.5 kV _{eff}
Housing material	PPE
Field installation	rail TS 35 (EN 50022)
Protection class	IP 20
Installation position	Optional
Termination	Screw terminal: 0.14–1.5 mm ²
Operation temperature range	-25 °C – 60 °C
Storage temperature range	-40 °C – 85 °C
Dimensions (w × h × d)	6.2×79.0×84.0 mm
Weight (kg/piece)	0.035 kg/piece
Approvals	cULus

Dimensions



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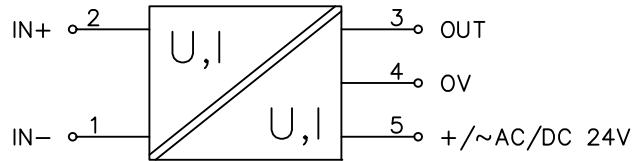
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PIN assignment



Range adjustment

		● -> Switch On			
		S1			
Input	Output	1	2	3	4
0-20mA	0-10V	●			
0-20mA	0-20mA	●	●		
0-20mA	4-20mA	●		●	
4-20mA	0-10V	●			●
4-20mA	0-20mA	●	●	●	
4-20mA	4-20mA	●	●		
0-10V	0-10V		●		●
0-10V	0-20mA			●	●
0-10V	4-20mA	●	●	●	

Accessories

Accessories	Colour	Article number	Type	PU
Jumper comb 24pole, 26A	blue	760801	BK 6-0801	5
Tag holder 4x11 mm	white	681313	BZT 0411	100
Labels for laser printer A4 unpunched		681031	LEB - A4	1
Labels for laser printer 4.23 x 11 mm (Sheet with 1056 labels)		681034	LEB 0411	1

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