

Interface Technology - Microcompact signal converter

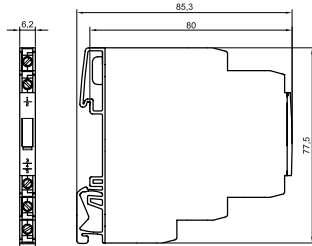
Input: 0–10 V

Output: 0–10 V / 0–20 mA / 4–20 mA

Insulation: 1.5 kV, 2-way isolation

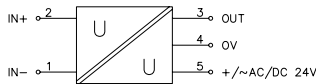


Dimensions

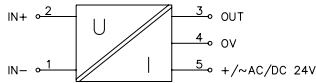


PIN assignment

750500



750501, 750502



Description	Part-No.	Type	PU	
Screw terminal				
Input/output	0–10 V/0–10 V	750500	WAA 6-0500	1
	0–10 V/0–20 mA	750501	WAA 6-0501	1
	0–10 V/4–20 mA	750502	WAA 6-0502	1
Spring terminal				
Input/output	0–10 V/0–10 V	751500	WAA 6-1500	1
	0–10 V/0–20 mA	751501	WAA 6-1501	1
	0–10 V/4–20 mA	751502	WAA 6-1502	1

Input	0–10 V		
Input signal	0–10 V		
Galvanic isolation I/O	2-way isolation		
Zero /Span	Production comparison		
Transmission frequency	30 Hz at 3 dB		
Input characteristic impedance	330 kΩ		
Output	750500/751500	750501/751501	750502/751502
Output signal	0–10 V	0–20 mA	4–20 mA
Max. load impedance at I-output	–	400 Ω	–
Max. load impedance at U-output	>1 kΩ	–	–
Load impedance	55 Ω	–	–
Output current	max. 21 mA	–	–
Ripple	<5 mV _{eff}		
General			
Rated 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, 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)		
IP rating	IP 20		
Installation position	Optional		
Termination	Screw-/spring terminal: 0.14–1.5 mm ²		
Operation temperature range	-25 °C – 60 °C		
Storage temperature range	-40 °C – 85 °C		
Dimensions (w x h x d)	6.2 x 79.0 x 84.0 mm		
Weight (kg/piece)	0.035		
Approvals	cULus		

Accessories	Colour	Article number	Type	Pkg. units
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

Interface Technology - Microcompact signal converter

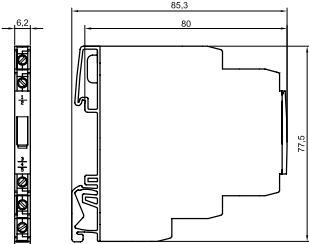
Input: 0–20 mA

Output: 0–10 V / 0–20 mA / 4–20 mA

Insulation: 1.5 kV, 2-way isolation

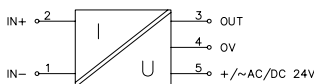


Dimensions

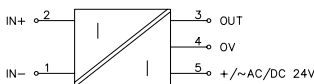


PIN assignment

750503



750504, 750505



Description	Part-No.	Type	PU		
Screw terminal					
Input/output	0–20 mA/0–10 V 750503	WAA 6-0503	1		
	0–20 mA/0–20 mA 750504	WAA 6-0504	1		
	0–20 mA/4–20 mA 750505	WAA 6-0505	1		
Spring terminal					
Input/output	0–20 mA/0–10 V 751503	WAA 6-1503	1		
	0–20 mA/0–20 mA 751504	WAA 6-1504	1		
	0–20 mA/4–20 mA 751505	WAA 6-1505	1		
Input					
Input signal	0–20 mA				
Galvanic isolation I/O	2-way isolation				
Zero /Span	Production comparison				
Transmission frequency	30 Hz at 3 dB				
Input characteristic impedance	100 Ω				
Output		750503/751503	750504/751504	750505/751505	
Output signal	0–10 V	0–20 mA	4–20 mA		
Max. load impedance at I-output	–	400 Ω	–		
Max. load impedance at U-output	>1 kΩ	–	–		
Load impedance	55 Ω	–	–		
Output current	max. 21 mA	–	–		
Ripple	<5 mV _{eff}				
General					
Rated 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, 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)				
IP rating	IP 20				
Installation position	Optional				
Termination	Screw-/spring terminal: 0.14–1.5 mm ²				
Operation temperature range	-25 °C – 60 °C				
Storage temperature range	-40 °C – 85 °C				
Dimensions (w x h x d)	6.2 x 79.0 x 84.0 mm				
Weight (kg/piece)	0.035				
Approvals	cULus				
Accessories		Colour	Article number	Type	Pkg. units
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

Interface Technology - Microcompact signal converter

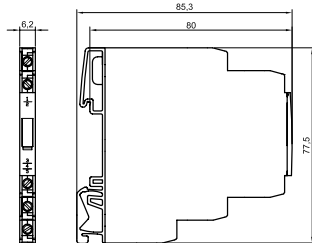
Input: 4–20 mA

Output: 0–10 V / 0–20 mA / 4–20 mA

Insulation: 1.5 kV, 2-way isolation

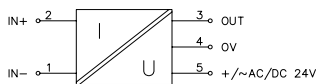


Dimensions

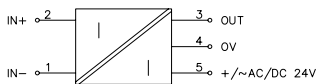


PIN assignment

750506



750507, 750508



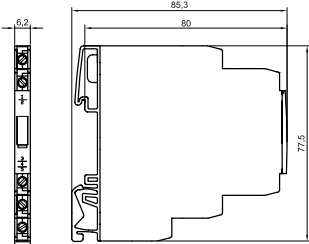
Description	Part-No.	Type	PU	
Screw terminal				
Input/output	4–20 mA/0–10 V	750506	WAA 6-0506	1
	4–20 mA/0–20 mA	750507	WAA 6-0507	1
	4–20 mA/4–20 mA	750508	WAA 6-0508	1
Spring terminal				
Input/output	4–20 mA/0–10 V	751506	WAA 6-1506	1
	4–20 mA/0–20 mA	751507	WAA 6-1507	1
	4–20 mA/4–20 mA	751508	WAA 6-1508	1
Input				
Input signal	4–20 mA			
Galvanic isolation I/O	2-way isolation			
Zero /Span	Production comparison			
Transmission frequency	30 Hz at 3 dB			
Input characteristic impedance	100 Ω			
Output				
Output signal	750506/751506	750507/751507	750508/751508	
	0–10 V	0–20 mA	4–20 mA	
Max. load impedance at I-output	–	400 Ω	–	
Max. load impedance at U-output	>1 kΩ	–	–	
Load impedance	55 Ω	–	–	
Output current	max. 21 mA	–	–	
Ripple	<5 mV _{eff}			
General				
Rated 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, 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)			
IP rating	IP 20			
Installation position	Optional			
Termination	Screw-/spring 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			
Approvals	cULus			
Accessories				
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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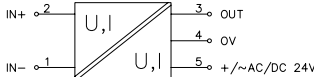
Input: 0–10 V / 0–20 mA / 4–20 mA - adjustable
Output: 0–10 V / 0–20 mA / 4–20 mA - adjustable
Insulation: 1.5 kV, 2-way isolation



Dimensions



PIN assignment



Range adjustment

		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		●	●	

Description	Part-No.	Type	PU	
Screw terminal				
Rated voltage	AC/DC 24 V	750509	WAA 6-0509	1
Spring terminal				
Rated voltage	AC/DC 24 V	751509	WAA 6-1509	1
Input				
	0–10 V	0–20 mA	4–20 mA	
Input resistance	330 kΩ		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			
Output				
	0–10 V	0–20 mA	4–20 mA	
Max. load impedance at I-output	–		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				
Rated 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)			
IP rating	IP 20			
Installation position	Optional			
Termination	Screw-/spring terminal: 0.14–1.5 mm ²			
Operation temperature range	-25 °C – 60 °C			
Storage temperature range	-40 °C – 85 °C			
Dimensions (w x h x d)	6.2 x 79.0 x 84.0 mm			
Weight (kg/piece)	0.035			
Approvals	cULus			
Accessories				
	Colour	Article number	Type	Pkg. units
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

Interface Technology - Microcompact signal converter

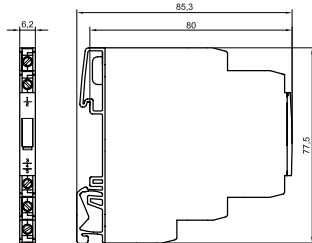
Input: 0–10 V / 0–20 mA / 4–20 mA - adjustable

Output: 0–50 / 0–100 / 0–1000 / 0–10.000 Hz - adjustable

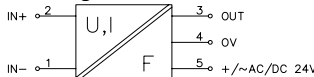
Insulation: 1.5 kV, 2-way isolation



Dimensions



PIN assignment



Range adjustment

		S1					
		1	2	3	4	5	6
Input	Output						
0 - 20mA	50Hz	●					
0 - 20mA	100Hz	●	●				
0 - 20mA	1kHz	●	●	●			
0 - 20mA	10kHz	●	●	●	●		
4 - 20mA	50Hz	●					
4 - 20mA	100Hz	●	●				
4 - 20mA	1kHz	●	●	●			
4 - 20mA	10kHz	●	●	●	●		
0 - 10V	50Hz					●	
0 - 10V	100Hz					●	
0 - 10V	1kHz					●	●
0 - 10V	10kHz					●	●

Description	Part-No.	Type	PU
Screw terminal			
Rated voltage	AC/DC 24 V	750511	WNAF 6-0511
Spring terminal			
Rated voltage	AC/DC 24 V	751511	WNAF 6-1511
Input			
	0–10 V	0–20 mA	4–20 mA
Input resistance	330 kΩ		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		
Output			
	0–50 Hz	0–100 Hz	0–1000 Hz
Output signal	adjustable via DIP switch S1		
Max. load impedance at I-output	–		
Max. load impedance at U-output	–		
Output voltage	20.9 V		
Output current	max. 10 mA		
Ripple	<5 mV _{eff}		
General			
Rated 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%)	frequency-dependent		
Build-up time (Accuracy 1%)	frequency-dependent		
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)		
IP rating	IP 20		
Installation position	Optional		
Termination	Screw-/spring terminal: 0.14–1.5 mm ²		
Operation temperature range	-25 °C – 60 °C		
Storage temperature range	-40 °C – 85 °C		
Dimensions (w x h x d)	6.2 x 79.0 x 84.0 mm		
Weight (kg/piece)	0.035		
Approvals	cULus		
Accessories			
	Colour	Article number	Type
Jumper comb 24pole, 26A	blue	760801	BK 6-0801
Tag holder 4x11 mm	white	681313	BZT 0411
Labels for laser printer A4 unpunched		681031	LEB - A4
Labels for laser printer 4.23 x 11 mm (Sheet with 1056 labels)		681034	LEB 0411
			Pkg. units

Interface Technology - Microcompact signal converter

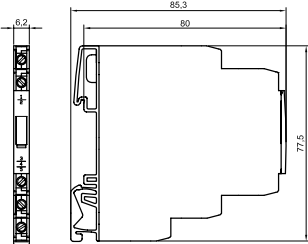
Input: 0(4)–20 mA

Output: 0(4)–20 mA

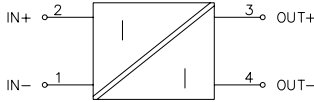
Isolation: 500 kV, 2-way isolation passive converter, 1-channel



Dimensions



PIN assignment



Description	Part-No.	Type	PU	
Screw terminal				
Rated voltage	passive	750513	WPAA 6-0513	1
Spring terminal				
Rated voltage	passive	751513	WPAA 6-1513	1
Input				
Input signal	0(4)–20 mA			
Galvanic isolation I/O	2-way isolation			
Zero /Span	Production comparison			
Transmission frequency	–			
Input characteristic impedance	–			
Output				
Output signal	0(4)–20 mA			
Max. load impedance at I-output	400 Ω (R _B)			
Max. load impedance at U-output	–			
Load impedance	–			
Output current	max. 21 mA			
Ripple	<5 mV _{eff}			
General				
Rated voltage	passive			
Operation voltage range	U _E >2,7 V + 20 mA × R _B			
Input overload capability	max. 35 mA			
Status indication	No			
Input/output protection	Output short circuit protection			
Accuracy	0.1 % FSR (23 °C)			
Linearity error	0.02 %			
Rise time (10 - 90%)	–			
Burden error	<0.06 % FSR / 100 Ω working resistance			
Temperature drift /K	<100 ppm / K FSR			
Temperature coefficient	0.02 % FSR / K			
Insulation voltage input/output	0.5 kV _{eff}			
Housing material	PPE			
Field installation	rail TS 35 (EN 50022)			
IP rating	IP 20			
Installation postition	Optional			
Termination	Screw-/spring terminal 0.14–1.5 mm ²			
Operation temperature range	-25 °C – 60 °C			
Storage temperature range	-40 °C – 85 °C			
Dimensions (w x h x d)	6.2 x 79.0 x 84.0 mm			
Weight (kg/piece)	0.035			
Approvals	cULus			
Accessories	Colour	Article number	Type	Pkg. units
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

Interface Technology - Microcompact signal converter

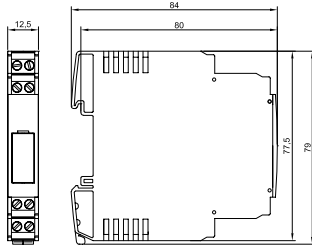
Input: 0(4)–20 mA

Output: 0(4)–20 mA

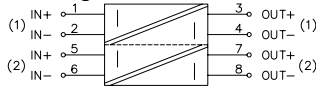
Insulation: 500 kV, 2-way isolation passive converter, 2-channel



Dimensions



PIN assignment



Description	Part-No.	Type	PU	
Screw terminal				
Rated voltage	passive	750521	WPAA 6-0521	1
Spring terminal				
Rated voltage	passive	751521	WPAA 6-1521	1
Input				
Input signal	2 x 0(4)–20 mA			
Galvanic isolation I/O	2-way isolation			
Zero /Span	Production comparison			
Transmission frequency	–			
Input characteristic impedance	–			
Output				
Output signal	2 x 0(4)–20 mA			
Max. load impedance at I-output	1000 Ω (R _B)			
Max. load impedance at U-output	–			
Load impedance	–			
Output current	max. 21 mA			
Ripple	<5 mV _{eff}			
General				
Rated voltage	passive			
Operation voltage range	U _E >2,7 V + 20 mA x R _B			
Input overload capability	max. 35 mA			
Status indication	No			
Input/output protection	Output short circuit protection			
Accuracy	0.1 % FSR (23 °C)			
Linearity error	0.02 %			
Rise time (10 - 90%)	–			
Burden error	<0.06 % FSR / 100 Ω working resistance			
Temperature drift /K	<175 ppm / K FSR			
Temperature coefficient	0.02 % FSR / K			
Insulation voltage input/output	0.5 kV _{eff}			
Housing material	PPE			
Field installation	rail TS 35 (EN 50022)			
IP rating	IP 20			
Installation position	Optional			
Termination	Screw-/spring terminal 0.14–1.5 mm ²			
Operation temperature range	-25 °C – 60 °C			
Storage temperature range	-40 °C – 85 °C			
Dimensions (w x h x d)	12.5 x 79.0 x 84.0 mm			
Weight (kg/piece)	0.050			
Approvals	cULus			
Accessories	Colour	Article number	Type	Pkg. units
Jumper comb 24pole, 26A	blue	760801	BK 6-0801	5
marker holder	white	681311	BZT 0720	100
Labels for laser printer A4 unpunched		681031	LEB - A4	1
Labels for laser printer 6,35 x 15,24mm (Sheet with 528 labels)		681033	LEB 0615	1

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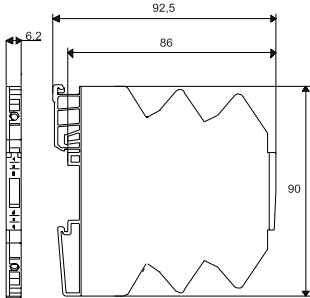
Input: 0–10 V

Output: 0–10 V / 0–20 mA / 4–20 mA

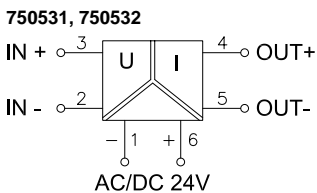
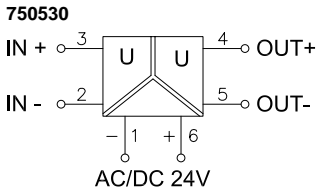
Insulation: 1.5 kV; 3-way isolation



Dimensions



PIN assignment



Description	Part-No.	Type	PU				
Screw terminal							
Input/output	0-10 V/0-10 V	750530	WAA 7-0530	1			
	0-10 V/0-20 mA	750531	WAA 7-0531	1			
	0-10 V/4-20 mA	750532	WAA 7-0532	1			
Spring terminal							
Input/output	0-10 V/0-10 V	751530	WAA 7-1530	1			
	0-10 V/0-20 mA	751531	WAA 7-1531	1			
	0-10 V/4-20 mA	751532	WAA 7-1532	1			
Input		0–10 V					
Input signal	0–10 V						
Galvanic isolation I/O	3-way isolation						
Zero /Span	Production comparison						
Transmission frequency	30 Hz at 3 dB						
Input characteristic impedance	330 kΩ						
Output		750530/751530	750531/751531	750532/751532			
Output signal	0 – 10 V	0–20 mA	4–20 mA				
Max. load impedance at I-output	–	400 Ω	–				
Max. load impedance at U-output	>1 kΩ	–	–				
Load impedance	55 Ω	–	–				
Output current	max. 21 mA	–	–				
Ripple	<5 mV _{eff}						
General							
Rated voltage	AC/DC 24 V						
Operation voltage range	DC: 16.8–30 V; AC: 19.2–28.8 V						
Rated current	13.0 mA						
Status indication	LED yellow						
Input/output protection	Overvoltage AC/DC 30 V, Output short circuit-proof						
Accuracy	0.1 % FSR (23 °C)						
Linearity error	0.10 %						
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)						
IP rating	IP 20						
Installation position	Optional						
Termination	Screw-/spring terminal: 0.14–1.5 mm ²						
Operation temperature range	-25 °C – 60 °C						
Storage temperature range	-40 °C – 85 °C						
Dimensions (w x h x d)	6.2 x 90.0 x 92.5 mm						
Weight (kg/piece)	0.040						
Approvals	cULus						
Accessories	Colour	2-pole	3-pole	4-pole	8-pole	16-pole	Pkg. units
Jumper comb 6A	red	762802	762805	762812	762822	762832	5
Jumper comb 6A	white	762803	762806	762813	762823	762833	5
Jumper comb 6A	blue	762804	762807	762814	762824	762834	5
Accessories	Colour	Article number		Type	Pkg. units		
Tag holder 4x11 mm	white	681313		BZT 0411	100		
Isolation plate		760809		TP 7-0809	5		
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		

Interface Technology - Microcompact signal converter

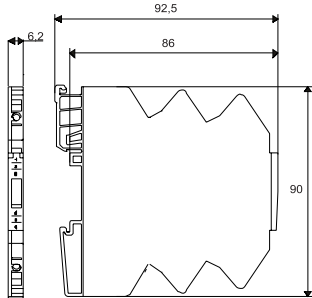
Input: 0–20 mA

Output: 0–10 V / 0–20 mA / 4–20 mA

Insulation: 1.5 kV; 3-way isolation

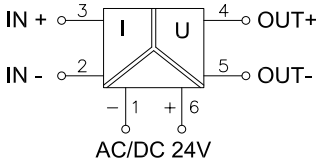


Dimensions

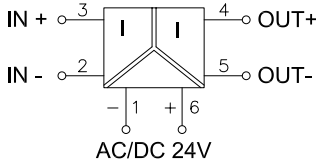


PIN assignment

750533



750534, 750535



Description	Part-No.	Type	PU	
Screw terminal				
Input/output	0-20 mA/0-10 V	750533	WAA 7-0533	1
	0-20 mA/0-20 mA	750534	WAA 7-0534	1
	0-20 mA/4-20 mA	750535	WAA 7-0535	1
Spring terminal				
Input/output	0-20 mA/0-10 V	751533	WAA 7-1533	1
	0-20 mA/0-20 mA	751534	WAA 7-1534	1
	0-20 mA/4-20 mA	751535	WAA 7-1535	1

Input	0–20 mA
Input signal	0–20 mA
Galvanic isolation I/O	3-way isolation
Zero /Span	Production comparison
Transmission frequency	30 Hz at 3 dB
Input characteristic impedance	100 Ω

Output	750533/751533	750534/751534	750535/751535
Output signal	0 – 10 V	0–20 mA	4–20 mA
Max. load impedance at I-output	–	–	400 Ω
Max. load impedance at U-output	>1 kΩ	–	–
Load impedance	55 Ω	–	–
Output current	max. 21 mA	–	–
Ripple	–	<5 mV _{eff}	–

General	
Rated voltage	AC/DC 24 V
Operation voltage range	DC: 16.8–30 V; AC: 19.2–28.8 V
Rated current	13.0 mA
Status indication	LED yellow
Input/output protection	Overvoltage AC/DC 30 V, Output short circuit-proof
Accuracy	0.1 % FSR (23 °C)
Linearity error	0.10 %
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)
IP rating	IP 20
Installation position	Optional
Termination	Screw-/spring terminal: 0.14–1.5 mm ²
Operation temperature range	-25 °C – 60 °C
Storage temperature range	-40 °C – 85 °C
Dimensions (w x h x d)	6.2 x 90.0 x 92.5 mm
Weight (kg/piece)	0.040
Approvals	cULus

Accessories	Colour	2-pole	3-pole	4-pole	8-pole	16-pole	Pkg. units
Jumper comb 6A	red	762802	762805	762812	762822	762832	5
Jumper comb 6A	white	762803	762806	762813	762823	762833	5
Jumper comb 6A	blue	762804	762807	762814	762824	762834	5

Accessories	Colour	Article number	Type	Pkg. units
Tag holder 4x11 mm	white	681313	BZT 0411	100
Isolation plate		760809	TP 7-0809	5
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

Interface Technology - Microcompact signal converter

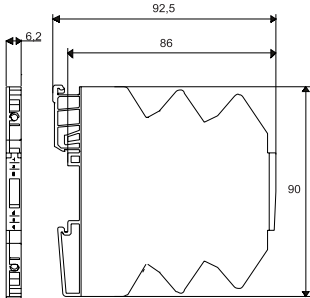
Input: 4–20 mA

Output: 0–10 V / 0–20 mA / 4–20 mA

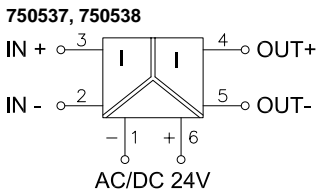
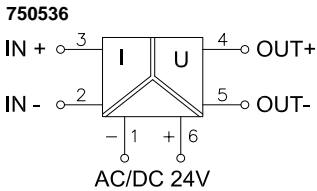
Insulation: 1.5 kV; 3-way isolation



Dimensions



PIN assignment



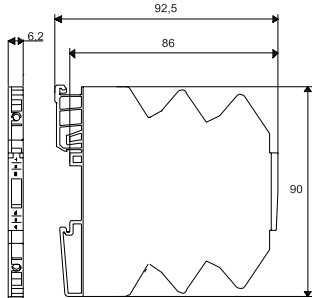
Description	Part-No.	Type	PU				
Screw terminal							
Input/output	4-20 mA/0-10 V	750536	WAA 7-0536	1			
	4-20 mA/0-20 mA	750537	WAA 7-0537	1			
	4-20 mA/4-20 mA	750538	WAA 7-0538	1			
Spring terminal							
Input/output	4-20 mA/0-10 V	751536	WAA 7-1536	1			
	4-20 mA/0-20 mA	751537	WAA 7-1537	1			
	4-20 mA/4-20 mA	751538	WAA 7-1538	1			
Input		4–20 mA					
Input signal	4–20 mA						
Galvanic isolation I/O	3-way isolation						
Zero /Span	Production comparison						
Transmission frequency	30 Hz at 3 dB						
Input characteristic impedance	100 Ω						
Output		750536/751536	750537/751537	750538/751538			
Output signal	0 – 10 V	0–20 mA	4–20 mA				
Max. load impedance at I-output	–	400 Ω	–				
Max. load impedance at U-output	>1 kΩ	–	–				
Load impedance	55 Ω	–	–				
Output current	max. 21 mA	–	–				
Ripple	<5 mV _{eff}						
General							
Rated voltage	AC/DC 24 V						
Operation voltage range	DC: 16.8–30 V; AC: 19.2–28.8 V						
Rated current	13.0 mA						
Status indication	LED yellow						
Input/output protection	Overvoltage AC/DC 30 V, Output short circuit-proof						
Accuracy	0.1 % FSR (23 °C)						
Linearity error	0.10 %						
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)						
IP rating	IP 20						
Installation position	Optional						
Termination	Screw-/spring terminal: 0.14–1.5 mm ²						
Operation temperature range	-25 °C – 60 °C						
Storage temperature range	-40 °C – 85 °C						
Dimensions (w x h x d)	6.2 x 90.0 x 92.5 mm						
Weight (kg/piece)	0.040						
Approvals	cULus						
Accessories	Colour	2-pole	3-pole	4-pole	8-pole	16-pole	Pkg. units
Jumper comb 6A	red	762802	762805	762812	762822	762832	5
Jumper comb 6A	white	762803	762806	762813	762823	762833	5
Jumper comb 6A	blue	762804	762807	762814	762824	762834	5
Accessories	Colour	Article number		Type			Pkg. units
Tag holder 4x11 mm	white	681313		BZT 0411			100
Isolation plate		760809		TP 7-0809			5
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

Interface Technology - Microcompact signal converter

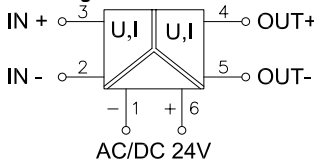
Input: 0–10 V / 0–20 mA / 4–20 mA - adjustable
Output: 0–10 V / 0–20 mA / 4–20 mA - adjustable
Insulation: 1.5 kV; 3-way isolation



Dimensions



PIN assignment



Range adjustment

● → SwitchOn		S1					
Input	Output	1	2	3	4	5	6
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		●			●	

Description	Part-No.	Type	PU				
Screw terminal							
Rated voltage	AC/DC 24 V	750539	WNAA 7-0539	1			
Spring terminal							
Rated voltage	AC/DC 24 V	751539	WNAA 7-1539	1			
Input							
	0–10 V	0–20 mA	4–20 mA				
Input resistance	330 kΩ		100 Ω				
Input signal	adjustable via DIP switch S1						
Galvanic isolation I/O	3-way isolation						
Zero /Span	Production comparison						
Transmission frequency	30 Hz at 3 dB						
Output							
	0–10 V	0–20 mA	4–20 mA				
Max. load impedance at I-output	–		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							
Rated voltage	AC/DC 24 V						
Operation voltage range	DC: 16.8–30 V; AC: 19.2–28.8 V						
Rated current	13.0 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	0.10 %						
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)						
IP rating	IP 20						
Installation position	Optional						
Termination	Screw-/spring terminal: 0.14–1.5 mm ²						
Operation temperature range	-25 °C – 60 °C						
Storage temperature range	-40 °C – 85 °C						
Dimensions (w x h x d)	6.2 x 90.0 x 92.5 mm						
Weight (kg/piece)	0.040						
Approvals	cULus						
Accessories							
	Colour	2-pole	3-pole	4-pole	8-pole	16-pole	Pkg. units
Jumper comb 6A	red	762802	762805	762812	762822	762832	5
Jumper comb 6A	white	762803	762806	762813	762823	762833	5
Jumper comb 6A	blue	762804	762807	762814	762824	762834	5
Accessories							
	Colour	Article number	Type	Pkg. units			
Tag holder 4x11 mm	white	681313	BZT 0411	100			
Isolation plate		760809	TP 7-0809	5			
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			

Interface Technology - Microcompact signal converter

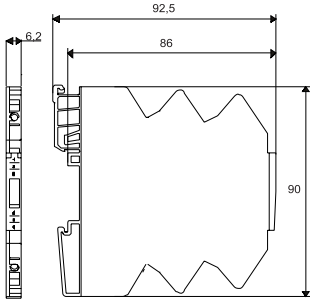
Input: 0(4)–20 mA

Output: 0(4)–20 mA

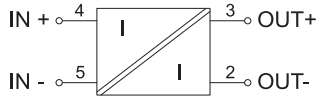
Insulation: 1.5 kV, 2-way isolation passive converter, 1-channel



Dimensions



PIN assignment



Description	Part-No.	Type	PU				
Screw terminal							
	750526	WPAA 7-0526	1				
Additional circuit	750528	WPAA 7-0528	1				
Spring terminal							
	751526	WPAA 7-1526	1				
Additional circuit	751528	WPAA 7-1528	1				
Input	750526/751526	750528/751528					
Input signal	0(4)–20 mA	4–20 mA					
Galvanic isolation I/O		2-way isolation					
Zero /Span		Production comparison					
Transmission frequency		–					
Input characteristic impedance		–					
Output	750526/751526	750528/751528					
Output signal	0(4)–20 mA	4–20 mA					
Max. load impedance at I-output		1000 Ω (R _B)					
Burden error		<0.06 % from measured value / 100 Ω working resistance					
Load impedance		–					
Output current		max. 21 mA					
Ripple		<5 mV _{eff} (working resistance 100 Ω)					
General	750526/751526	750528/751528					
Max. leakage voltage	2,8 V	4,1 V					
Termination		Screw-/spring terminal 0.14–1.5 mm ²					
Rated voltage		passive					
Operation voltage range		–					
Input overload capability		max. 35 mA					
Status indication		No					
Input/output protection		Suppressor diode (33 V)					
Accuracy		0.1 % FSR (23 °C)					
Linearity error		–					
Build-up time (Accuracy 1%)		6 ms (for working resistance 500 Ω and 20 mA)					
Temperature drift (working resistance >600R)		<100 ppm / K FSR					
Temperature drift (working resistance >600R)		<150 ppm / K FSR					
Insulation voltage input/output		1.5 kV _{eff}					
Housing material		PPE					
Field installation		rail TS 35 (EN 50022)					
IP rating		IP 20					
Installation position		Optional					
Operation temperature range		-25 °C – 60 °C					
Storage temperature range		-40 °C – 85 °C					
Dimensions (w x h x d)		6.2 x 90.0 x 92.5 mm					
Weight (kg/piece)		0.040					
Approvals		cULus					
Accessories	Colour	2-pole	3-pole	4-pole	8-pole	16-pole	Pkg. units
Jumper comb 6A	red	762802	762805	762812	762822	762832	5
Jumper comb 6A	white	762803	762806	762813	762823	762833	5
Jumper comb 6A	blue	762804	762807	762814	762824	762834	5
Accessories	Colour	Article number		Type		Pkg. units	
Tag holder 4x11 mm	white	681313		BZT 0411		100	
Isolation plate		760809		TP 7-0809		5	
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 PB		1	
Comments	With connection: This passive isolator has a non-reactive transmission, so that the current in the input circuit is not interrupted for an output interruption.						

Interface Technology - Microcompact signal converter

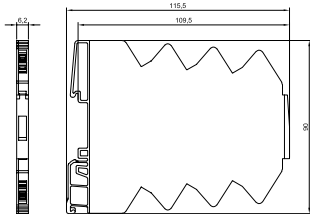
Input: 0(4)–20 mA

Output: 0(4)–20 mA

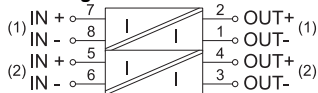
Insulation: 1.5 kV, 2-way isolation passive converter, 2-channel



Dimensions



PIN assignment



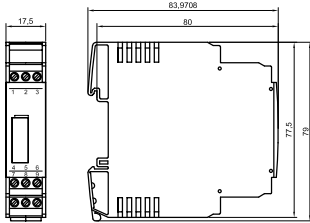
Description	Part-No.	Type	PU				
Screw terminal							
	750527	WPAA 7-0527	1				
Additional circuit	750529	WPAA 7-0529	1				
Spring terminal							
	751527	WPAA 7-1527	1				
Additional circuit	751529	WPAA 7-1529	1				
Input							
	750527/751527	750529/751529					
Input signal	2 x 0(4)–20 mA	2 x 4–20 mA					
Galvanic isolation I/O		2-way isolation					
Zero /Span		Production comparison					
Transmission frequency		–					
Input characteristic impedance		–					
Output							
	750527/751527	750529/751529					
Output signal	0(4)–20 mA	2 x 4–20 mA					
Max. load impedance at I-output		1000 Ω (R _B)					
Burden error		<0.06 % from measured value / 100 Ω working resistance					
Load impedance		–					
Output current		max. 21 mA					
Ripple		<5 mV _{eff} (working resistance 100 Ω)					
General							
	750527/751527	750529/751529					
Max. leakage voltage	2.8 V	4.1 V					
Termination		Screw-/spring terminal 0.14–1.5 mm ²					
Rated voltage		passive					
Operation voltage range		–					
Input overload capability		max. 35 mA					
Status indication		No					
Input/output protection		Suppressor diode (33 V)					
Accuracy		0.1 % FSR (23 °C)					
Linearity error		–					
Build-up time (Accuracy 1%)		6 ms (for working resistance 500 Ω and 20 mA)					
Temperature drift (working resistance >600R)		<100 ppm / K FSR					
Temperature drift (working resistance >600R)		<150 ppm / K FSR					
Insulation voltage input/output		1.5 kV _{eff}					
Housing material		PA					
Field installation		rail TS 35 (EN 50022)					
IP rating		IP 20					
Installation position		Optional					
Operation temperature range		-25 °C – 60 °C					
Storage temperature range		-40 °C – 85 °C					
Dimensions (w x h x d)		6.2 x 90.0 x 115.5 mm					
Weight (kg/piece)		0.055					
Approvals		cULus					
Accessories	Colour	2-pole	3-pole	4-pole	8-pole	16-pole	Pkg. units
Jumper comb 6A	red	762802	762805	762812	762822	762832	5
Jumper comb 6A	white	762803	762806	762813	762823	762833	5
Jumper comb 6A	blue	762804	762807	762814	762824	762834	5
Accessories	Colour	Article number		Type		Pkg. units	
Tag holder 4x11 mm	white	681313		BZT 0411		100	
Isolation plate		760809		TP 7-0809		5	
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	
Comments							
With connection: This passive isolator has a non-reactive transmission, so that the current in the input circuit is not interrupted for an output interruption.							

Interface Technology - Microcompact signal converter

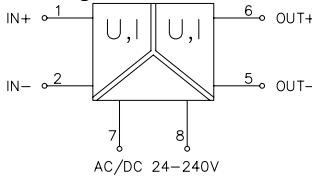
Input: 0–10 V / 0–20 mA / 4–20 mA - adjustable
Output: 0–10 V / 0–20 mA / 4–20 mA - adjustable
Insulation: 4 kV, 3-way isolation wide range input



Dimensions



PIN assignment



Range adjustment

S1		
Input	Output	Pos.
0 - 20mA	0 - 10V	0
0 - 20mA	0 - 20mA	1
0 - 20mA	4 - 20mA	2
4 - 20mA	0 - 10V	3
4 - 20mA	0 - 20mA	4
4 - 20mA	4 - 20mA	5
0 - 10V	0 - 10V	6
0 - 10V	0 - 20mA	7
0 - 10V	4 - 20mA	8

Description	Part-No.	Type	PU
Screw terminal			
Rated voltage	AC/DC 24–240 V	750510	WNA 6-0510
Spring terminal			
Rated voltage	AC/DC 24–240 V	751510	WNA 6-1510
Input			
	0–10 V	0–20 mA	4–20 mA
Input resistance	330 kΩ		100 Ω
Input signal	adjustable via DIP switch S1		
Galvanic isolation I/O	3-way isolation		
Zero /Span	Production comparison		
Transmission frequency	30 Hz at 3 dB		
Output			
	0–10 V	0–20 mA	4–20 mA
Max. load impedance at I-output	–		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			
Rated voltage	AC/DC 24–240 V		
Operation voltage range	DC: 16.8–264 V; AC: 19.2–264 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	4.0 kV _{eff}		
Housing material	PPE		
Field installation	rail TS 35 (EN 50022)		
IP rating	IP 20		
Installation postition	Optional		
Termination	Screw-/spring terminal: 0.14–1.5 mm ²		
Operation temperature range	-25 °C – 60 °C		
Storage temperature range	-40 °C – 85 °C		
Dimensions (w x h x d)	17.5 x 79.0 x 84.0 mm		
Weight (kg/piece)	0.070		
Approvals	cULus		
Accessories			
	Colour	Article number	Type
Jumper comb 24pole, 26A	blue	760801	BK 6-0801
marker holder	white	681311	BZT 0720
Labels for laser printer A4 unpunched		681031	LEB - A4
Labels for laser printer 6.35 x 15,24mm (Sheet with 528 labels)		681033	LEB 0615
			Pkg. units
			5
			100
			1
			1

Interface Technology - Microcompact signal converter

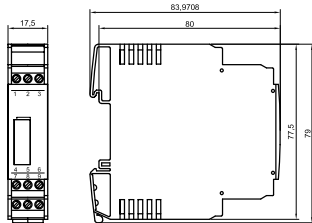
Input: 16 selectable ranges

Output: 0–10 V / 0–20 mA / 4–20 mA - adjustable

Insulation: 4 kV, 3-way isolation wide range input

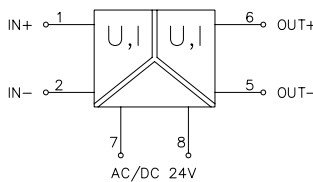


Dimensions

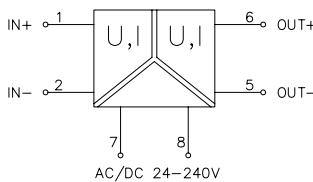


PIN assignment

AC/DC 24 V



AC/DC 24–240 V



Range adjustment

S1			
Input	Pos.	Input	Pos.
0 - 60mV	0	0 - 20V	8
0 - 100mV	1	2 - 10V	9
0 - 300mV	2	0 - 5mA	A
0 - 500mV	3	0 - 10mA	B
0 - 1V	4	0 - 20mA	C
0 - 2V	5	4 - 20mA	D
0 - 5V	6	±5mA	E
0 - 10V	7	±20mA	F

● → Switch On	S2			
Output	1	2	3	4
0-10V	●			
0-20mA		●		
4-20mA			●	

Description	Part-No.	Type	PU	
Screw terminal				
Rated voltage	AC/DC 24 V	750516	WAA 6-0516	1
	AC/DC 24–240 V	750517	WAA 6-0517	1
Spring terminal				
Rated voltage	AC/DC 24 V	751516	WAA 6-1516	1
	AC/DC 24–240 V	751517	WAA 6-1517	1
Input				
	mV, V	mA		
Input signal	0–60, 0–100, 0–300, 0–500 mV 0–1, 0–2, 0–5, 0–10, 0–20, 2–10 V adjustable via DIP switch S1	0–5, 0–10, 0–20, 4–20, ±5, ±20 mA adjustable via DIP switch S1		
Input resistance	330kΩ	100Ω		
Galvanic isolation I/O	3-way isolation			
Transmission frequency	30 Hz at 3 dB			
Output				
	0–10 V	0–20 mA	4–20 mA	
Max. load impedance at I-output	–	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 S2			
Ripple	<5 mV _{eff}			
General				
	750516/751516		750517/751517	
Rated voltage	AC/DC 24 V		AC/DC 24–240 V	
Operation voltage range	DC: 16.8–30 V; AC: 19.2–28.8 V		DC: 16.8–264 V; AC: 19.2–264 V	
Termination	Screw-/spring terminal: 0.14–1.5 mm ²			
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	4.0 kV _{eff}			
Housing material	PPE			
Field installation	rail TS 35 (EN 50022)			
IP rating	IP 20			
Installation position	Optional			
Operation temperature range	-25 °C – 60 °C			
Storage temperature range	-40 °C – 85 °C			
Dimensions (w x h x d)	6.2 x 79.0 x 84.0 mm			
Weight (kg/piece)	0.070			
Approvals	cULuc			
Accessories				
	Colour	Article number	Type	Pkg. units
Jumper comb 24pole, 26A	blue	760801	BK 6-0801	5
marker holder	white	681311	BZT 0720	100
Labels for laser printer A4 unpunched		681031	LEB - A4	1
Labels for laser printer 6,35 x 15,24mm (Sheet with 528 labels)		681033	LEB 0615	1

Interface Technology - Microcompact signal converter

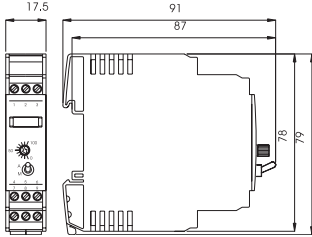
Input: 0–10 V / 0–20 mA / 4–20 mA, Manual - Automatic switch

Output: 0–10 V / 0–20 mA / 4–20 mA

Insulation: 4 kV, 2-way isolation 3-way isolation

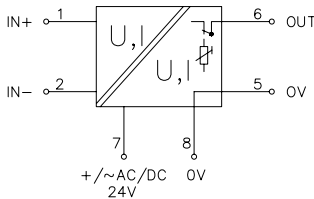


Dimensions

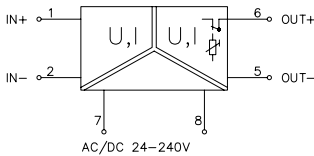


PIN assignment

AC/DC 24 V



AC/DC 24–240 V



Range adjustment

S1		
Input	Output	Pos.
0 - 20mA	0 - 10V	0
0 - 20mA	0 - 20mA	1
0 - 20mA	4 - 20mA	2
4 - 20mA	0 - 10V	3
4 - 20mA	0 - 20mA	4
4 - 20mA	4 - 20mA	5
0 - 10V	0 - 10V	6
0 - 10V	0 - 20mA	7
0 - 10V	4 - 20mA	8

Description	Part-No.	Type	PU	
Screw terminal				
Rated voltage	AC/DC 24 V	750518	WNAA 6-0518	1
	AC/DC 24–240 V	750519	WNAA 6-0519	1
Spring terminal				
Rated voltage	AC/DC 24 V	751518	WNAA 6-1518	1
	AC/DC 24–240 V	751519	WNAA 6-1519	1

Input	0–10 V	0–20 mA	4–20 mA
Input resistance	330 k Ω		100 Ω
Input signal	adjustable via DIP switch S1		
Galvanic isolation I/O	2-way isolation at 75x518 / 3-way isolation at 75x519		
Transmission frequency	30 Hz at 3 dB		
Zero /Span	Production comparison		

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

General	750518/751518	750519/751519
Rated voltage	AC/DC 24 V	AC/DC 24–240 V
Operation voltage range	DC: 16.8–30 V; AC: 19.2–28.8 V	DC: 16.8–264 V; AC: 19.2–264 V
Termination	Screw-/spring terminal 0.14–1.5 mm ²	
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	4.0 kV _{eff}	
Housing material	PPE	
Field installation	rail TS 35 (EN 50022)	
IP rating	IP 20	
Installation position	Optional	
Operation temperature range	-25 °C – 60 °C	
Storage temperature range	-40 °C – 85 °C	
Dimensions (w x h x d)	17.5 x 79.0 x 84.0 mm	
Weight (kg/piece)	0.070	
Approvals	cULus	

Accessories	Colour	Article number	Type	Pkg. units
Jumper comb 24pole, 26A	blue	760801	BK 6-0801	5
marker holder	white	681311	BZT 0720	100
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Labels for laser printer 6,35 x 15,24mm (Sheet with 528 labels)		681033	LEB 0615	1