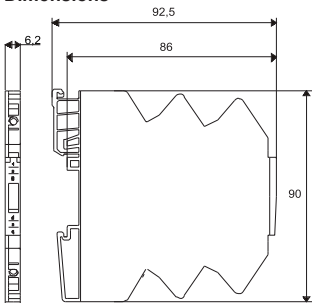


# Interface Technology · Microcompact potentiometer/analogue converter

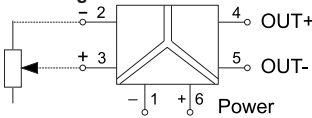
**Input: potentiometer, 2-conductor**  
**Output: 0–10 V / 0–20 mA / 4–20 mA**  
**Isolation: 1.5 kV, 3-way isolation**



## Dimensions



## PIN assignment



## Range adjustment

		S1					
Input	Output	1	2	3	4	5	6
Pot.	0-10V						
Pot.	0-20mA	●					
Pot.	4-20mA			●			

Description	Part-No.	Type	PU
<b>Screw terminal</b>			
0–1 k $\Omega$	750557	WPOA 7-0557	1
0–6 k $\Omega$	750558	WPOA 7-0558	1

Input	750557	750558
Input signal	Potentiometer 0–1 k $\Omega$ , 2-conductor	Potentiometer 0–6 k $\Omega$ , 2-conductor
Galvanic isolation I/O	3-way isolation	
Zero /Span	Production comparison	
Transmission frequency	10 Hz at 3 dB	
Input characteristic impedance	1 M $\Omega$	
<b>Output</b>	<b>0/10 V</b>	<b>0–20 mA</b> <b>4–20 mA</b>
Max. load impedance at I-output	–	400 $\Omega$
Max. load impedance at U-output	>1 k $\Omega$	–
Load impedance	55 $\Omega$	–
Output current	max. 21 mA	–
Output signal	Adjustable via switch	
Ripple	<5 mV <sub>eff</sub>	

<b>General</b>	
Nominal 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 flashes in the event of wire breakage and output will saturate.
Input/output protection	Overvoltage AC/DC 30 V, Output short circuit-proof
Accuracy	0.3 % FSR (23 °C)
Linearity error	0.10 %
Rise time (10 - 90%)	30 ms
Build-up time (Accuracy 1%)	60 ms
Transmission frequency	–
Temperature coefficient	150 ppm / K FSR
Insulation voltage input/output	1.5 kV <sub>eff</sub>
Housing material	PA 6.6 (UL 94 V-0)
Field installation	rail TS 35 (EN 50022)
Protection class	IP 20
Installation postition	Optional
Termination	Screw terminal: 0.14–1.5 mm <sup>2</sup>
Operation temperature range	–25 °C – 60 °C
Storage temperature range	–40 °C – 85 °C
Dimensions (w × h × d)	6.2 × 90.0 × 92.5 mm
Weight (kg/piece)	0.040
Approvals	–

Accessories	Colour	2-pole	3-pole	4-pole	8-pole	16-pole	PU
6 A jumper comb	red	762802	762805	762812	762822	762832	10
6 A jumper comb	white	762803	762806	762813	762823	762833	10
6 A jumper comb	blue	762804	762807	762814	762824	762834	10
Accessories	Colour	Article number		Type			PU
Tag holder 4×11 mm	white	681313		BZT-0411			100

# Interface Technology · Microcompact potentiometer/analogue converter

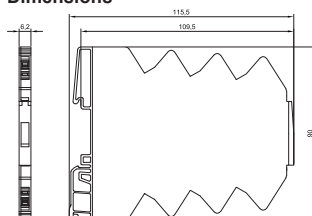
**Input: potentiometer, 3-conductor**

**Output: 0–10 V / 0–20 mA / 4–20 mA**

**Isolation: 2.5 kV, 3-way isolation**



### Dimensions



### PIN assignment



### Range adjustment

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

Description	Part-No.	Type	PU				
<b>Screw terminal</b>							
500 Ω–50 kΩ	750559	WPOA 7-0559	1				
<b>Input</b>							
<b>750559</b>							
Input signal	Potentiometer 500 Ω – 50 kΩ, 3-conductor						
Galvanic isolation I/O	3-way isolation						
Reference voltage	2.5 V						
Transmission frequency	10 Hz at 3 dB						
Input characteristic impedance	1 MΩ						
<b>Output</b>							
	<b>0/10 V</b>	<b>0–20 mA</b>	<b>4–20 mA</b>				
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 switch						
Ripple	<5 mV <sub>eff</sub>						
<b>General</b>							
Nominal voltage	DC 24 V						
Operation voltage range	DC: 16.8–30 V						
Rated current	13.0 mA						
Status Indication	LED flashes in the event of wire breakage and output will saturate.						
Input/output protection	Overvoltage AC/DC 30 V, Output short circuit-proof						
Accuracy	0.2 % FSR (23 °C)						
Linearity error	500 Ω – 25 kΩ: 0.1 % FSR (23 °C), 25 kΩ – 50 kΩ: 0.2 % FSR (23 °C)						
Rise time (10 - 90%)	10 ms						
Build-up time (Accuracy 1%)	30 ms						
Transmission frequency	–						
Temperature coefficient	150 ppm / K FSR						
Insulation voltage input/output	2.5 kV <sub>eff</sub>						
Housing material	PA 6.6 (UL 94 V-0)						
Field installation	rail TS 35 (EN 50022)						
Protection class	IP 20						
Installation position	Optional						
Termination	Screw terminal: 0.14–1.5 mm <sup>2</sup>						
Operation temperature range	–25 °C – 60 °C						
Storage temperature range	–40 °C – 85 °C						
Dimensions (w × h × d)	6.2 × 90.0 × 115.5 mm						
Weight (kg/piece)	0.040						
Approvals	–						
<b>Accessories</b>	<b>Colour</b>	<b>2-pole</b>	<b>3-pole</b>	<b>4-pole</b>	<b>8-pole</b>	<b>16-pole</b>	<b>PU</b>
6 A jumper comb	red	762802	762805	762812	762822	762832	10
6 A jumper comb	white	762803	762806	762813	762823	762833	10
6 A jumper comb	blue	762804	762807	762814	762824	762834	10
<b>Accessories</b>	<b>Colour</b>	<b>Article number</b>		<b>Type</b>			<b>PU</b>
Tag holder 4×11 mm	white	681313		BZT-0411			100

# Interface Technology · Microcompact analogue/analogue converter

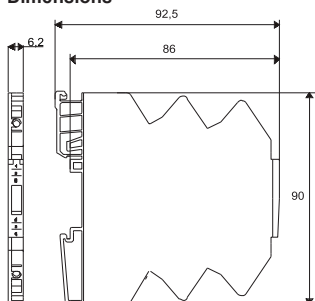
Input: 0–60 mV

Output: 0–10 V

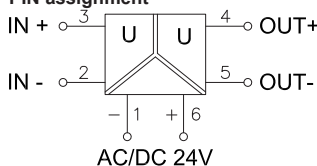
Insulation: 1.5 kV, 3-way isolation



## Dimensions



## PIN assignment



Description	Part-No.	Type	PU				
<b>Screw terminal</b>							
Nominal voltage	AC/DC 24 V	750901	WAA 7-0901	1			
<b>Input</b>							
		<b>0–60 mV</b>					
Input signal	0–60 mV						
Galvanic isolation I/O	3-way isolation						
Zero /Span	Production comparison						
Transmission frequency	30 Hz at 3 dB						
Input characteristic impedance	330 kΩ						
<b>Output</b>							
		<b>0 – 10 V</b>					
Output signal	0 – 10 V						
Max. load impedance at I-output	–						
Max. load impedance at U-output	>1 kΩ						
Load impedance	55 Ω						
Output current	max. 21 mA						
Ripple	<5 mV <sub>eff</sub>						
<b>General</b>							
Nominal 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, PTC fuse, 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 <sub>eff</sub>						
Housing material	PA 6.6 (UL 94 V-0)						
Field installation	rail TS 35 (EN 50022)						
Protection class	IP 20						
Installation position	Optional						
Termination	Screw-/spring terminal 0.14–1.5 mm <sup>2</sup>						
Operation temperature range	–25 °C – 60 °C						
Storage temperature range	–40 °C – 85 °C						
Dimensions (w × h × d)	6.2 × 90.0 × 92.5 mm						
Weight (kg/piece)	0.040						
Approvals	cULus, Class I Div. 2, Groups A, B, C, D T4						
<b>Accessories</b>	<b>Colour</b>	<b>2-pole</b>	<b>3-pole</b>	<b>4-pole</b>	<b>8-pole</b>	<b>16-pole</b>	<b>PU</b>
6 A jumper comb	red	762802	762805	762812	762822	762832	10
6 A jumper comb	white	762803	762806	762813	762823	762833	10
6 A jumper comb	blue	762804	762807	762814	762824	762834	10
<b>Accessories</b>	<b>Colour</b>	<b>Article number</b>		<b>Type</b>			<b>PU</b>
Tag holder 4×11 mm	white	681313		BZT 0411			100
Isolation plate		760809		TP 7-0809			5

# Interface Technology · Microcompact analogue/analogue converter

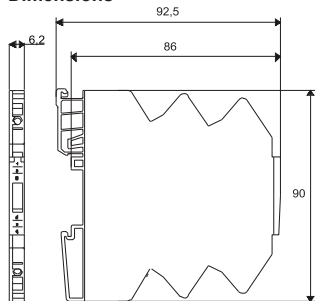
Input: 0–10 V

Output: 0–10 V / 0–20 mA / 4–20 mA

Insulation: 1.5 kV, 3-way isolation

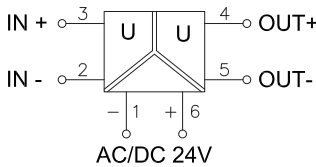


### Dimensions

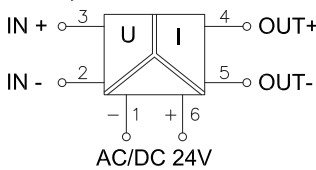


### PIN assignment

#### 75x530



#### 75x531, 75x532



Description	Part-No.	Type	PU	
<b>Screw terminal</b>				
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
<b>Spring terminal</b>				
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		
<b>Output</b>	<b>750530/751530</b>	<b>750531/751531</b>	<b>750532/751532</b>
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 <sub>eff</sub>	–

<b>General</b>	
Nominal 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 <sub>eff</sub>
Housing material	PA 6.6 (UL 94 V-0)
Field installation	rail TS 35 (EN 50022)
Protection class	IP 20
Installation position	Optional
Termination	Screw-/spring terminal: 0.14–1.5 mm <sup>2</sup>
Operation temperature range	-25 °C – 60 °C
Storage temperature range	-40 °C – 85 °C
Dimensions (w × h × d)	6.2 × 90.0 × 92.5 mm
Weight (kg/piece)	0.040

Approvals		cULus, Class I, Div. 2, Groups A, B, C, D T4A					
Accessories	Colour	2-pole	3-pole	4-pole	8-pole	16-pole	PU
6 A jumper comb	red	762802	762805	762812	762822	762832	10
6 A jumper comb	white	762803	762806	762813	762823	762833	10
6 A jumper comb	blue	762804	762807	762814	762824	762834	10
Accessories	Colour	Article number			Type	PU	
Tag holder 4×11 mm	white	681313			BZT-0411	100	
Isolation plate		760809			TP 7-0809	5	

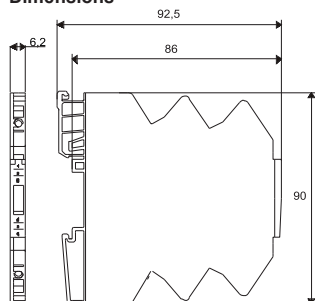
Input: 0–20 mA

Output: 0–10 V / 0–20 mA / 4–20 mA

Insulation: 1.5 kV; 3-way isolation

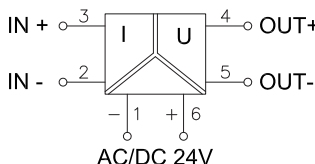


### Dimensions



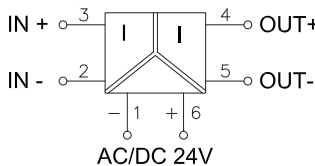
### PIN assignment

#### 75x533



AC/DC 24V

#### 75x534, 75x535



AC/DC 24V

Description	Part-No.	Type	PU				
<b>Screw terminal</b>							
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			
<b>Spring terminal</b>							
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			
<b>Input</b>							
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						
<b>Output</b>							
Output signal	<b>750533/751533</b>	<b>750534/751534</b>	<b>750535/751535</b>				
	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 <sub>eff</sub>						
<b>General</b>							
Nominal 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	AC/DC 30 V overvoltage, current input with PTC, short circuit-proof output						
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 <sub>eff</sub>						
Housing material	PA 6.6 (UL 94 V-0)						
Field installation	rail TS 35 (EN 50022)						
Protection class	IP 20						
Installation position	Optional						
Termination	Screw-/spring terminal: 0.14–1.5 mm <sup>2</sup>						
Operation temperature range	–25 °C – 60 °C						
Storage temperature range	–40 °C – 85 °C						
Dimensions (w × h × d)	6.2 × 90.0 × 92.5 mm						
Weight (kg/piece)	0.040						
Approvals	cULus, Class I, Div. 2, Groups A, B, C, D T4A						
<b>Accessories</b>							
	Colour	2-pole	3-pole	4-pole	8-pole	16-pole	PU
6 A jumper comb	red	762802	762805	762812	762822	762832	10
6 A jumper comb	white	762803	762806	762813	762823	762833	10
6 A jumper comb	blue	762804	762807	762814	762824	762834	10
<b>Accessories</b>							
	Colour	Article number		Type		PU	
Tag holder 4×11 mm	white	681313		BZT-0411		100	
Isolation plate		760809		TP 7-0809		5	

# Interface Technology · Microcompact analogue/analogue converter

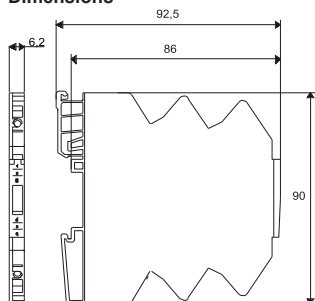
**Input: 4–20 mA**

**Output: 0–10 V / 0–20 mA / 4–20 mA**

**Insulation: 1.5 kV, 3-way isolation**

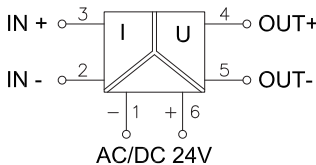


### Dimensions

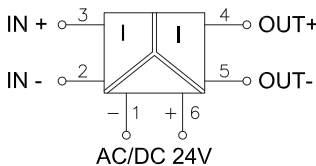


### PIN assignment

#### 750x536



#### 750x537, 750x538



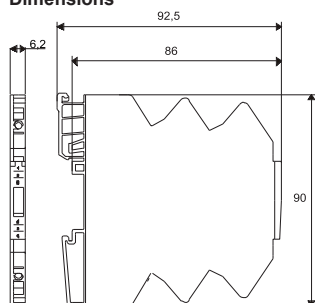
Description	Part-No.	Type	PU				
<b>Screw terminal</b>							
Input/output	4-20 mA/0-10 V	750536	WAA 7-0536	1			
	4-20 mA/0-20 mA	750537	WAA 7-0537	1			
	4-20 mA/4-20 mA	750538	WAA 7-0538	1			
<b>Spring terminal</b>							
Input/output	4-20 mA/0-10 V	751536	WAA 7-1536	1			
	4-20 mA/0-20 mA	751537	WAA 7-1537	1			
	4-20 mA/4-20 mA	751538	WAA 7-1538	1			
<b>Input</b>							
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						
<b>Output</b>		<b>750536/751536</b>	<b>750537/751537</b>	<b>750538/751538</b>			
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 <sub>eff</sub>						
<b>General</b>							
Nominal 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	AC/DC 30 V overvoltage, current input with PTC, short circuit-proof output						
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 <sub>eff</sub>						
Housing material	PA 6.6 (UL 94 V-0)						
Field installation	rail TS 35 (EN 50022)						
Protection class	IP 20						
Installation position	Optional						
Termination	Screw-/spring terminal: 0.14–1.5 mm <sup>2</sup>						
Operation temperature range	-25 °C – 60 °C						
Storage temperature range	-40 °C – 85 °C						
Dimensions (w × h × d)	6.2 × 90.0 × 92.5 mm						
Weight (kg/piece)	0.040						
Approvals	cULus, Class I, Div. 2, Groups A, B, C, D T4A						
<b>Accessories</b>	<b>Colour</b>	<b>2-pole</b>	<b>3-pole</b>	<b>4-pole</b>	<b>8-pole</b>	<b>16-pole</b>	<b>PU</b>
6 A jumper comb	red	762802	762805	762812	762822	762832	10
6 A jumper comb	white	762803	762806	762813	762823	762833	10
6 A jumper comb	blue	762804	762807	762814	762824	762834	10
<b>Accessories</b>	<b>Colour</b>	<b>Article number</b>		<b>Type</b>			<b>PU</b>
Tag holder 4×11 mm	white	681313		BZT-0411			100
Isolation plate		760809		TP 7-0809			5

# Interface Technology · Microcompact analogue/analogue converter

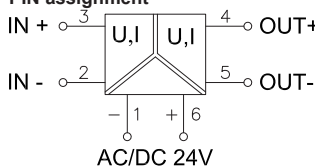
**Input: 0–10 V / 0–20 mA / 4–20 mA, adjustable**  
**Output: 0–10 V / 0–20 mA / 4–20 mA, adjustable**  
**Insulation: 1.5 kV, 3-way isolation**



## 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				
<b>Screw terminal</b>							
Nominal voltage	AC/DC 24 V	750539	WNA 7-0539	1			
<b>Spring terminal</b>							
Nominal voltage	AC/DC 24 V	751539	WNA 7-1539	1			
<b>Input</b>							
	<b>0/10 V</b>	<b>0–20 mA</b>	<b>4–20 mA</b>				
Input resistance	330 kΩ		100 Ω				
Input signal	0–10 V, 0–20 mA, 4–20 mA, adjustable via switch						
Galvanic isolation I/O	3-way isolation						
Zero /Span	Production comparison						
Transmission frequency	30 Hz at 3 dB						
<b>Output</b>							
	<b>0/10 V</b>	<b>0–20 mA</b>	<b>4–20 mA</b>				
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 switch						
Ripple	<5 mV <sub>eff</sub>						
<b>General</b>							
Nominal 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	AC/DC 30 V overvoltage, current input with PTC, short circuit-proof output						
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 <sub>eff</sub>						
Housing material	PA 6.6 (UL 94 V-0)						
Field installation	rail TS 35 (EN 50022)						
Protection class	IP 20						
Installation position	Optional						
Termination	Screw-/spring terminal: 0.14–1.5 mm <sup>2</sup>						
Operation temperature range	–25 °C – 60 °C						
Storage temperature range	–40 °C – 85 °C						
Dimensions (w × h × d)	6.2 × 90.0 × 92.5 mm						
Weight (kg/piece)	0.040						
Approvals	cULus, Class I, Div. 2, Groups A, B, C, D T4A						
<b>Accessories</b>							
	<b>Colour</b>	<b>2-pole</b>	<b>3-pole</b>	<b>4-pole</b>	<b>8-pole</b>	<b>16-pole</b>	<b>PU</b>
6 A jumper comb	red	762802	762805	762812	762822	762832	10
6 A jumper comb	white	762803	762806	762813	762823	762833	10
6 A jumper comb	blue	762804	762807	762814	762824	762834	10
<b>Accessories</b>							
	<b>Colour</b>	<b>Article number</b>		<b>Type</b>	<b>PU</b>		
Tag holder 4×11 mm	white	681313		BZT-0411	100		
Isolation plate		760809		TP 7-0809	5		



# Interface Technology · Microcompact current/analogue converter

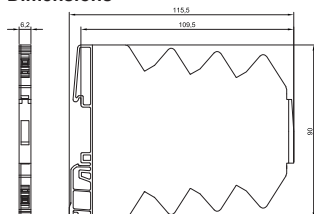
**Input: AC/DC 0–1 A / 0–5 A**

**Output: 0–10 V / 0–20 mA / 4–20 mA, adjustable**

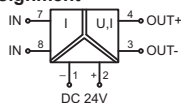
**Insulation: 2.5 kV, 3-way isolation**



### Dimensions



### PIN assignment



### Range adjustment

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

		● → Switch On		S1	
Input	Output	1	2	3	4
0-5A	0-10V				
0-5A	0-20mA	●			
0-5A	4-20mA		●		

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

Description	Part-No.	Type	PU				
<b>Screw terminal</b>							
Nominal voltage	DC 24 V, 0–1 A	750540	WAA 7-0540	1			
	DC 24 V, 0–5 A	750541	WAA 7-0541	1			
	DC 24 V, 0–10 A	750542	WAA 7-0542	1			
<b>Spring terminal</b>							
Nominal voltage	DC 24 V, 0–1 A	751540	WAA 7-1540	1			
	DC 24 V, 0–5 A	751541	WAA 7-1541	1			
	DC 24 V, 0–10 A	751542	WAA 7-1542	1			
<b>Input</b>							
	<b>750540/751540</b>	<b>750541/751541</b>	<b>750542/751542</b>				
Input signal	AC/DC 0 – 1 A, ± 1 A	AC/DC 0 – 5 A, ± 5 A	AC/DC 0 – 10 A, + 10 A				
Input characteristic impedance	typ. 0.06 Ω	typ. 0.02 Ω	typ. 0,01 Ω				
Galvanic isolation I/O	3-way isolation						
Zero /Span	Production comparison						
Line frequency	15 – 400 Hz						
<b>Output</b>							
	<b>0/10 V</b>	<b>0–20 mA</b>	<b>4–20 mA</b>				
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 switch						
Ripple	typ. <5 mV <sub>eff</sub>						
<b>General</b>							
Nominal voltage	DC 24 V						
Operation voltage range	DC: 16.8–30 V						
Rated current	13.0 mA						
Status Indication	LED yellow						
Input/output protection	–						
Accuracy	0.5 % FSR (23 °C)						
Linearity error	0.10 %, FSR (23°C)						
Rise time (10 - 90%)	–						
Build-up time (Accuracy 1%)	150 ms						
Transmission frequency	–						
Temperature coefficient	<150 ppm / K FSR						
Insulation voltage input/output	2.5 kV <sub>eff</sub>						
Housing material	PA 6.6 (UL 94 V-0)						
Field installation	rail TS 35 (EN 50022)						
Protection class	IP 20						
Installation position	Optional						
Termination	Screw-/spring terminal 0.14–1.5 mm <sup>2</sup>						
Operation temperature range	–25 °C – 60 °C						
Storage temperature range	–40 °C – 85 °C						
Dimensions (w × h × d)	6.2 × 90.0 × 115.5 mm						
Weight (kg/piece)	0.055						
Approvals	cULus, Class I, Div. 2, Groups A, B, C, D T4A						
<b>Accessories</b>							
	<b>Colour</b>	<b>2-pole</b>	<b>3-pole</b>	<b>4-pole</b>	<b>8-pole</b>	<b>16-pole</b>	<b>PU</b>
6 A jumper comb	red	762802	762805	762812	762822	762832	10
6 A jumper comb	white	762803	762806	762813	762823	762833	10
6 A jumper comb	blue	762804	762807	762814	762824	762834	10
<b>Accessories</b>							
	<b>Colour</b>	<b>Article number</b>		<b>Type</b>	<b>PU</b>		
Tag holder 4×11 mm	white	681313		BZT-0411	100		
Isolation plate		760809		TP 7-0809	5		



# Interface Technology · Microcompact voltage/analogue converter

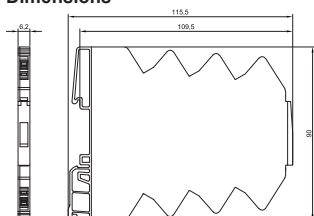
**Input: AC/DC 0–300 V**

**Output: 0–10 V / 0–20 mA / 4–20 mA**

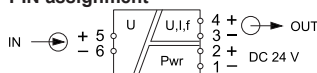
**Insulation: 2.5 kV, 3-way isolation**



### Dimensions



### PIN assignment



### Range adjustment

● → Switch On		S1			
Input	Output	1	2	3	4
0-300V	0-10V				
0-300V	0-20mA	●			
0-300V	4-20mA	●			

Description	Part-No.	Type	PU				
<b>Screw terminal</b>							
Nominal voltage	DC 24 V	750927	WAA 7-0927				
<b>Spring terminal</b>							
Nominal voltage	DC 24 V	751927	WAA 7-1927				
<b>Input</b>							
<b>AC/DC 0–300 V</b>							
Input signal	AC/DC 0–300 V						
Input characteristic impedance	3 MΩ						
Galvanic isolation I/O	3-way isolation						
Zero /Span	Production comparison						
Transmission frequency	6 kHz at 3 dB						
<b>Output</b>							
	<b>0/10 V</b>	<b>0–20 mA</b>	<b>4–20 mA</b>				
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 switch						
Ripple	<5 mV <sub>eff</sub>						
<b>General</b>							
Nominal voltage	DC 24 V						
Operation voltage range	DC: 16.8–30 V						
Rated current	13.0 mA						
Status Indication	LED yellow, flashes in the event of wire breakage and output will saturate						
Input/output protection	Varistor/short circuit-proof output						
Accuracy	0.5 % FSR (23 °C)						
Linearity error	0.10 % FSR (23 °C)						
Rise time (10 - 90%)	30 ms						
Build-up time (Accuracy 1%)	150 ms						
Transmission frequency	–						
Temperature coefficient	150 ppm / K FSR						
Insulation voltage input/output	2.5 kV <sub>eff</sub>						
Housing material	PA 6.6 (UL 94 V-0)						
Field installation	rail TS 35 (EN 50022)						
Protection class	IP 20						
Installation position	Optional						
Termination	Screw-/spring terminal 0.14–1.5 mm <sup>2</sup>						
Operation temperature range	–25 °C – 60 °C						
Storage temperature range	–40 °C – 85 °C						
Dimensions (w × h × d)	6.2 × 90.0 × 115.5 mm						
Weight (kg/piece)	0.040						
Approvals cULus, Class I, Div. 2, Groups A, B, C, D T4A							
<b>Accessories</b>							
	<b>Colour</b>	<b>2-pole</b>	<b>3-pole</b>	<b>4-pole</b>	<b>8-pole</b>	<b>16-pole</b>	<b>PU</b>
6 A jumper comb	red	762802	762805	762812	762822	762832	10
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<b>Accessories</b>				<b>Article number</b>	<b>Type</b>	<b>PU</b>	
Tag holder 4×11 mm	white	681313		BZT-0411		100	
Isolation plate		760809		TP 7-0809		5	