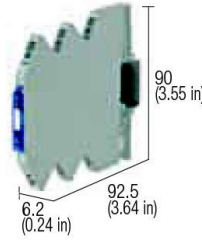


Преобразователь аналогового сигнала серии CWAA



Analog signal converters

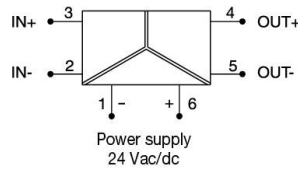
- 1.5 KV, 3 ways, IN/OUT/supply voltage isolation
- Fixed value
- Compact dimension, 6,2 mm pitch



NOTES

The dimensions includes the DIN clamp.
(1) range 16.8...30 Vdc / 19.2...28.8 Vac
(2) 3-way isolation: IN/OUT/power supply

BLOCK DIAGRAM

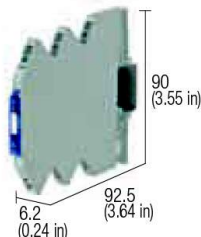


VERSIONS	Cat. No. X756530	Cat. No. X756531	Cat. No. X756532	APPLICATIONS
IN: 0...10 V / OUT: 0...10 V	CWAA 7-0530			<p>These converters can be used to convert and isolate the most common standard analog signals; each model is designed for a single input output signal function, and they are the right solution in applications where many modules handling the same signal are used, where they allow a large cost reduction compared with multi function modules. These modules are provided with 3 ways galvanic isolation between input output and supply voltage. If a single signal must provide several output channels it is possible to use many modules connecting their inputs in parallel as long as the signal is voltage, or in series when the signal is current.</p>
IN: 0...10 V / OUT: 0...20 mA		CWAA 7-0531		
IN: 0...10 V / OUT: 4...20 mA			CWAA 7-0532	
INPUT TECHNICAL DATA				
Input signal	0...10 V	0...10 V	0...10 V	
Input resistance	330 K Ω	330 K Ω	330 K Ω	
OUTPUT TECHNICAL DATA				
Output signal	0...10 V	0...20 mA	4...20 mA	
Applicable load	>1 K Ω	<400 Ω	<400 Ω	
GENERAL TECHNICAL DATA				
Supply voltage	24 Vac/dc (1)	24 Vac/dc (1)	24 Vac/dc (1)	
Rated current	$\leq 13 \text{ mA} \pm 10\%$	$\leq 13 \text{ mA} \pm 10\%$	$\leq 13 \text{ mA} \pm 10\%$	
Accuracy	0.1% @ 23°C FS	0.1% @ 23°C FS	0.1% @ 23°C FS	
Transmission frequency	< 30 Hz	< 30 Hz	< 30 Hz	
Temperature coefficient	0.02% / K FS	0.02% / K FS	0.02% / K FS	
Isolation	1.5 kVac / 60 s (2)	1.5 kVac / 60 s (2)	1.5 kVac / 60 s (2)	
ECM standards	EN 61000-6-2, EN 61000-6-4	EN 61000-6-2, EN 61000-6-4	EN 61000-6-2, EN 61000-6-4	
Reference Standard	IEC 664-1, DIN VDE	IEC 664-1, DIN VDE	IEC 664-1, DIN VDE	
Overvoltage category/Pollution degree	III / 2	III / 2	III / 2	
Protection degree	IP 20 IEC 529, EN60529	IP 20 IEC 529, EN60529	IP 20 IEC 529, EN60529	
Operating temperature range	-25...+60°C	-25...+60°C	-25...+60°C	
Connection terminal	2.5 mm ² fixed screw type	2.5 mm ² fixed screw type	2.5 mm ² fixed screw type	
Housing material	PPE	PPE	PPE	
Approx. weight	40 g (1.41 oz)	40 g (1.41 oz)	40 g (1.41 oz)	
Mounting information	vertical on rail adjacent without gap	vertical on rail adjacent without gap	vertical on rail adjacent without gap	
MOUNTING ACCESSORIES				
Mounting rail type according to IEC60715/TH35-7.5	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB			
Mounting rail type according to IEC60715/G32	—			
Plug-in jumper	CWBK 7-0802 Cat. No. X766802			
(16 poles, 16 A)	CWBK 7-0803 Cat. No. X766803			
	CWBK 7-0804 Cat. No. X766804			



Analog signal converters

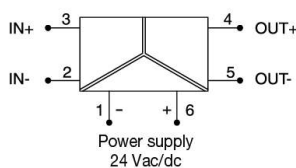
- 1.5 KV, 3 ways, IN/OUT/supply voltage isolation
- Fixed value
- Compact dimension, 6.2 mm pitch



NOTES

The dimensions includes the DIN clamp.
(1) range 16.8...30 Vdc / 19.2...28.8 Vac
(2) 3-way isolation: IN/OUT/power supply

BLOCK DIAGRAM

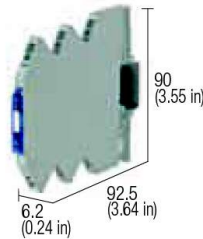


VERSIONS	Cat. No. X756533	Cat. No. X756534	Cat. No. X756535	APPLICATIONS
IN: 0...20 mA / OUT: 0...10 V	CWAA 7-0533			These converters can be used to convert and isolate the most common standard analog signals; each model is designed for a single input output signal function, and they are the right solution in applications where many modules handling the same signal are used, where they allow a large cost reduction compared with multi function modules. These modules are provided with 3 ways galvanic isolation between input output and supply voltage. If a single signal must provide several output channels it is possible to use many modules connecting their inputs in parallel as long as the signal is voltage, or in series when the signal is current.
IN: 0...20 mA / OUT: 0...20 mA		CWAA 7-0534		
IN: 0...20 mA / OUT: 4...20 mA			CWAA 7-0535	
INPUT TECHNICAL DATA				
Input signal	0...20 mA	0...20 mA	0...20 mA	
Input resistance	100 Ω	100 Ω	100 Ω	
OUTPUT TECHNICAL DATA				
Output signal	0...10 V	0...20 mA	4...20 mA	
Applicable load	>1 KΩ	<400 Ω	<400 Ω	
GENERAL TECHNICAL DATA				
Supply voltage	24 Vac/dc (1)	24 Vac/dc (1)	24 Vac/dc (1)	
Rated current	≤ 13 mA ± 10%	≤ 13 mA ± 10%	≤ 13 mA ± 10%	
Accuracy	0.1% @ 23°C FS	0.1% @ 23°C FS	0.1% @ 23°C FS	
Transmission frequency	< 30 Hz	< 30 Hz	< 30 Hz	
Temperature coefficient	0.02% / K FS	0.02% / K FS	0.02% / K FS	
Isolation	1.5 kVac / 60 s (2)	1.5 kVac / 60 s (2)	1.5 kVac / 60 s (2)	
ECM standards	EN 61000-6-2, EN 61000-6-4	EN 61000-6-2, EN 61000-6-4	EN 61000-6-2, EN 61000-6-4	
Reference Standard	IEC 664-1, DIN VDE	IEC 664-1, DIN VDE	IEC 664-1, DIN VDE	
Overvoltage category/Pollution degree	III / 2	III / 2	III / 2	
Protection degree	IP 20 IEC 529, EN60529	IP 20 IEC 529, EN60529	IP 20 IEC 529, EN60529	
Operating temperature range	-25...+60°C	-25...+60°C	-25...+60°C	
Connection terminal	2.5 mm ² fixed screw type	2.5 mm ² fixed screw type	2.5 mm ² fixed screw type	
Housing material	PPE	PPE	PPE	
Approx. weight	40 g (1.41 oz)	40 g (1.41 oz)	40 g (1.41 oz)	
Mounting information	vertical on rail adjacent without gap	vertical on rail adjacent without gap	vertical on rail adjacent without gap	
MOUNTING ACCESSORIES				
Mounting rail type according to IEC60715/TH35-7.5	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB			
Mounting rail type according to IEC60715/G32	—			
Plug-in jumper		CWBK 7-0802 Cat. No. X766802		
(16 poles, 16 A)		CWBK 7-0803 Cat. No. X766803		
		CWBK 7-0804 Cat. No. X766804		



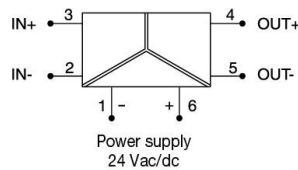
Analog signal converters

- 1.5 KV, 3 ways, IN/OUT/supply voltage isolation
- Fixed value
- Compact dimension, 6.2 mm pitch



NOTES BLOCK DIAGRAM

The dimensions includes the DIN clamp.
(1) range 16.8...30 Vdc / 19.2...28.8 Vac
(2) 3-way isolation: IN/OUT/power supply



VERSIONS	Cat. No. X756536	Cat. No. X756537	Cat. No. X756538	APPLICATIONS
IN: 4...20 mA / OUT: 0...10 V	CWAA 7-0536			These converters can be used to convert and isolate the most common standard analog signals; each model is designed for a single input output signal function, and they are the right solution in applications where many modules handling the same signal are used, where they allow a large cost reduction compared with multi function modules. These modules are provided with 3 ways galvanic isolation between input output and supply voltage. If a single signal must provide several output channels it is possible to use many modules connecting their inputs in parallel as long as the signal is voltage, or in series when the signal is current
IN: 4...20 mA / OUT: 0...20 mA		CWAA 7-0537		
IN: 4...20 mA / OUT: 4...20 mA			CWAA 7-0538	
INPUT TECHNICAL DATA				
Input signal	4...20 mA	4...20 mA	4...20 mA	
Input resistance	100 Ω	100 Ω	100 Ω	
OUTPUT TECHNICAL DATA				
Output signal	0...10 V	0...20 mA	4...20 mA	
Applicable load	>1 KΩ	<400 Ω	<400 Ω	
GENERAL TECHNICAL DATA				
Supply voltage	24 Vac/dc (1)	24 Vac/dc (1)	24 Vac/dc (1)	
Rated current	≤ 13 mA ± 10%	≤ 13 mA ± 10%	≤ 13 mA ± 10%	
Accuracy	0.1% @ 23°C FS	0.1% @ 23°C FS	0.1% @ 23°C FS	
Transmission frequency	< 30 Hz	< 30 Hz	< 30 Hz	
Temperature coefficient	0.02% / K FS	0.02% / K FS	0.02% / K FS	
Isolation	1.5 kVac / 60 s (2)	1.5 kVac / 60 s (2)	1.5 kVac / 60 s (2)	
ECM standards	EN 61000-6-2, EN 61000-6-4	EN 61000-6-2, EN 61000-6-4	EN 61000-6-2, EN 61000-6-4	
Reference Standard	IEC 664-1, DIN VDE	IEC 664-1, DIN VDE	IEC 664-1, DIN VDE	
Overvoltage category/Pollution degree	III / 2	III / 2	III / 2	
Protection degree	IP 20 IEC 529, EN60529	IP 20 IEC 529, EN60529	IP 20 IEC 529, EN60529	
Operating temperature range	-25...+60°C	-25...+60°C	-25...+60°C	
Connection terminal	2.5 mm ² fixed screw type	2.5 mm ² fixed screw type	2.5 mm ² fixed screw type	
Housing material	PPE	PPE	PPE	
Approx. weight	40 g (1.41 oz)	40 g (1.41 oz)	40 g (1.41 oz)	
Mounting information	vertical on rail adjacent without gap	vertical on rail adjacent without gap	vertical on rail adjacent without gap	
MOUNTING ACCESSORIES				
Mounting rail type according to IEC60715/TH35-7.5	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB			
Mounting rail type according to IEC60715/G32	—			
Plug-in jumper	CWBK 7-0802 Cat. No. X766802			
(16 poles, 16 A)	CWBK 7-0803 Cat. No. X766803			
	CWBK 7-0804 Cat. No. X766804			