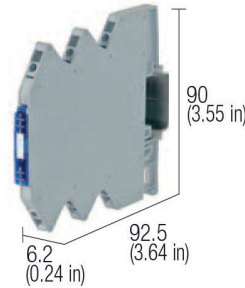


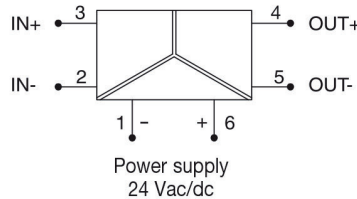
- 1.5 kV, 3 ways, IN/OUT/supply voltage isolation
- Fixed value
- Compact dimension, 6.2 mm pitch



## 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

IN: 0...10 V / OUT: 0...10 V  
IN: 0...10 V / OUT: 0...20 mA  
IN: 0...10 V / OUT: 4...20 mA

## INPUT TECHNICAL DATA

Input signal  
Input resistance

## OUTPUT TECHNICAL DATA

Output signal  
Applicable load

## GENERAL TECHNICAL DATA

Supply voltage  
Rated current  
Accuracy  
Transmission frequency  
Temperature coefficient  
Isolation  
ECM standards  
Reference Standard  
Overvoltage category/Pollution degree  
Protection degree  
Operating temperature range  
Connection terminal  
Housing material  
Approx. weight  
Mounting information

Cat. No. X756530

CWAA 7-0530

Cat. No. X756531

CWAA 7-0531

Cat. No. X756532

CWAA 7-0532

	Cat. No. X756530	Cat. No. X756531	Cat. No. X756532
Input signal	0...10 V	0...10 V	0...10 V
Input resistance	330 kΩ	330 kΩ	330 kΩ
Output signal	0...10 V	0...20 mA	4...20 mA
Applicable load	>1 kΩ	<400 Ω	<400 Ω
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 <sup>2</sup> fixed screw type	2.5 mm <sup>2</sup> fixed screw type	2.5 mm <sup>2</sup> 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

## APPLICATIONS

These converters can be used to convert and isolate the most common standard analogue 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.

## MOUNTING ACCESSORIES

Mounting rail type according to IEC60715/TH35-7.5  
Mounting rail type according to IEC60715/G32  
Plug-in jumper (16 poles, 16 A)

red  
white  
blue

## PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB

CWBK 7-0802 Cat. No. X766802  
CWBK 7-0803 Cat. No. X766803  
CWBK 7-0804 Cat. No. X766804