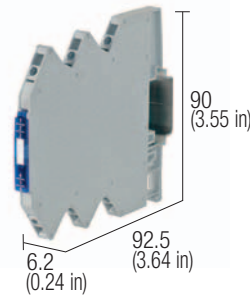


Analogue signal converters

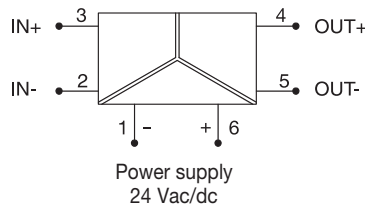
- 1.5 kV, 3 ways, IN/OUT/supply voltage isolation
- Fixed value
- Compact dimension, 6.2 mm pitch



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

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

Overtoltage category/Pollution degree

Protection degree

Operating temperature range

Connection terminal

Housing material

Approx. weight

Mounting information

Cat. No. X756530

Cat. No. X756531

Cat. No. X756532

CWAA 7-0530

CWAA 7-0531

CWAA 7-0532

0...10 V

0...10 V

0...10 V

330 k Ω

330 k Ω

330 k Ω

0...10 V

0...20 mA

4...20 mA

>1 k Ω

<400 Ω

<400 Ω

24 Vac/dc (1)

24 Vac/dc (1)

24 Vac/dc (1)

$\leq 13 \text{ mA} \pm 10\%$

$\leq 13 \text{ mA} \pm 10\%$

$\leq 13 \text{ mA} \pm 10\%$

0.1% @ 23°C FS

0.1% @ 23°C FS

0.1% @ 23°C FS

< 30 Hz

< 30 Hz

< 30 Hz

0.02% / K FS

0.02% / K FS

0.02% / K FS

1.5 kVac / 60 s (2)

1.5 kVac / 60 s (2)

1.5 kVac / 60 s (2)

EN 61000-6-2, EN 61000-6-4

EN 61000-6-2, EN 61000-6-4

EN 61000-6-2, EN 61000-6-4

IEC 664-1, DIN VDE

IEC 664-1, DIN VDE

IEC 664-1, DIN VDE

III / 2

III / 2

III / 2

IP 20 IEC 529, EN60529

IP 20 IEC 529, EN60529

IP 20 IEC 529, EN60529

-25...+60°C

-25...+60°C

-25...+60°C

2.5 mm² fixed screw type

2.5 mm² fixed screw type

2.5 mm² fixed screw type

PPE

PPE

PPE

40 g (1.41 oz)

40 g (1.41 oz)

40 g (1.41 oz)

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

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

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.