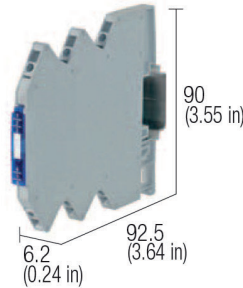


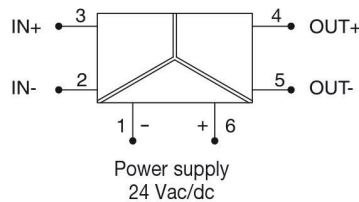
- 1.5 kV, 3 ways, IN/OUT/supply voltage isolation
- Fixed value
- Compact dimension, 6.2 mm pitch



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: 4...20 mA / OUT: 0...10 V
IN: 4...20 mA / OUT: 0...20 mA
IN: 4...20 mA / 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. X756536

Cat. No. X756537

Cat. No. X756538

CWAA 7-0536

CWAA 7-0537

CWAA 7-0538

4...20 mA

4...20 mA

4...20 mA

100 Ω

100 Ω

100 Ω

0...10 V

0...20 mA

4...20 mA

>1 kΩ

<400 Ω

<400 Ω

24 Vac/dc (1)

24 Vac/dc (1)

24 Vac/dc (1)

≤ 13 mA ± 10%

≤ 13 mA ± 10%

≤ 13 mA ± 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 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