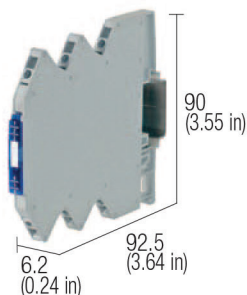


- 1.5 kV, 3 ways, IN/OUT/supply voltage isolation
- 3 programmable input range
- 3 programmable output range
- Simple programming and self calibrating

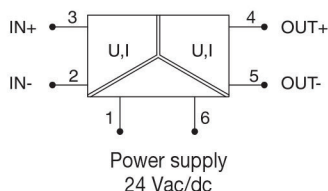


● → SwitchOn		S1					
Input	Output	1	2	3	4	5	6
0-20mA	0-10V	●					
0-20mA	0-20mA	●	●				
0-20mA	4-20mA			●			
4-20mA	0-10V	●			●		
4-20mA	0-20mA	●	●				
4-20mA	4-20mA			●			
0-10V	0-10V			●	●		
0-10V	0-20mA			●			
0-10V	4-20mA	●	●				

NOTES

The dimensions includes the DIN clamp.
 (1) range 16.8...30 Vdc / 19.2...28.8 Vac
 (2) range 16.8...264 Vdc / 19.2...264 Vac
 (3) 3-way isolation: IN/OUT/power supply

BLOCK DIAGRAM



VERSIONS

24 Vac/dc supply voltage
 24-240 Vac/dc supply voltage

Cod. X756539

CWNA-7-0539

APPLICATIONS

Multi-function converters can be used to convert and isolate the most common standard analogue signals; the input and the output can be set up into 3 different signal ranges. The set up is possible by simply switching the position of a dip switch on the side of the module.

The input / output combinations offered by these modules provide the most common input/output configurations more economically when compared to 14 input / 3 output modules and reduces inventory.

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 signal is current.

INPUT TECHNICAL DATA

Input signal

0...10 V

Input resistance

0...20 / 4...20 mA
 330 kΩ with input voltage
 100 Ω with input current

OUTPUT TECHNICAL DATA

Output signal

0...10 V

Applicable load

0...20 / 4...20 mA
 >1 kΩ with output voltage
 <400 Ω with output current

GENERAL TECHNICAL DATA

Supply voltage

24 Vac/dc (1)

Rated current

≤ 35 mA ± 10% @ 24 Vdc

Accuracy

0.1% @ 23°C FS

Transmission frequency

< 30 Hz

Temperature coefficient

0.02% / K FS

Isolation

1.5 kVac / 60 s (3)

ECM standards

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

Reference Standard

IEC 664-1, DIN VDE

Overvoltage category/Pollution degree

III / 2

Protection degree

IP 20 IEC 529, EN60529

Operating temperature range

-25...+60°C

Connection terminal

2.5 mm² fixed screw type

Housing material

Noryl UL94V-0

Approx. weight

40 g

Mounting information

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

red

CWBK 7-0802 cod. X766802

(16 poles, 16 A)

white

CWBK 7-0803 cod. X766803

blue

CWBK 7-0804 cod. X766804