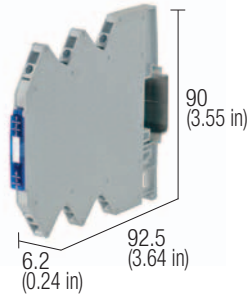


Programmable analogue signal converters

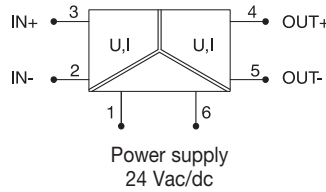
- 1.5 kV, 3 ways, IN/OUT/supply voltage isolation
- 3 programmable input range
- 3 programmable output range
- Simple programming and self calibrating



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 —

CWNAA-7-0539 —

INPUT TECHNICAL DATA

Input signal
 Input resistance

0...10 V
0...20 / 4...20 mA
 330 k Ω with input voltage
 100 Ω with input current

OUTPUT TECHNICAL DATA

Output signal
 Applicable load

0...10 V
0...20 / 4...20 mA
 >1 k Ω with output voltage
 <400 Ω with output current

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

24 Vac/dc (1)
 ≤ 35 mA $\pm 10\%$ @ 24 Vdc
 0.1% @ 23°C FS
 < 30 Hz
 0.02% / K FS
 1.5 kVac / 60 s (3)
 EN 61000-6-2, EN 61000-6-4
 IEC 664-1, DIN VDE
 III / 2
 IP 20 IEC 529, EN60529
 -25...+60°C
 2.5 mm² fixed screw type
 Noryl UL94V-0
 40 g
 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 red
 (16 poles, 16 A) white
 blue

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

—
 CWBK 7-0802 cod. X766802 —
 CWBK 7-0803 cod. X766803 —
 CWBK 7-0804 cod. X766804 —

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.