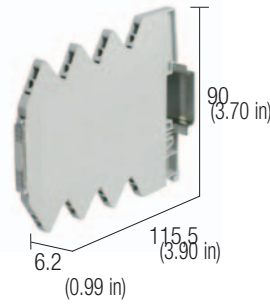


Current transducers

- For AC/DC current measurements
- Protected against transients
- Power supplied LED
- 3 output signals available

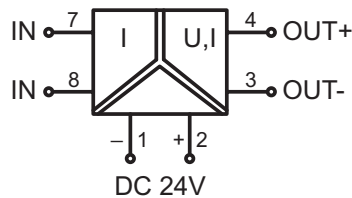


NOTES

The dimensions includes the terminal blocks and the DIN clamp.

(1) Do not connect directly to a 400 V line

BLOCK DIAGRAM



VERSIONS

0...1 A input

0...5 A input

0...10 A input

INPUT TECHNICAL DATA

Input signal

Max. input voltage

Current wire connection

OUTPUT TECHNICAL DATA

Output signal

Max. output signal

Applicable load

GENERAL TECHNICAL DATA

Supply voltage

Rated current

Operating temperature

Linearity error

Offset error

Temperature coefficient

Response time

Protection degree

Connection terminal

Approx. weight

Mounting information

Cod. X756540

Cod. X756541

Cod. X756542

WAA 7-0540

WAA 7-0541

WAA 7-0542

0...1 A AC/DC

0...5 A AC/DC

0...10 A AC/DC

400 V (1)

400 V (1)

400 V (1)

1.5 mm² screw type

1.5 mm² screw type

1.5 mm² screw type

VOLTAGE

CURRENT

0...10 V

0...20 mA / 4...20 mA

11 V

21 mA

>1 k Ω

<400 Ω

24 Vdc (16.8...30 Vdc)

24 Vdc (16.8...30 Vdc)

24 Vdc (16.8...30 Vdc)

13 mA

13 mA

13 mA

-25...+60°C

-25...+60°C

-25...+60°C

< 0.1% FS (23°C)

< 0.1% FS (23°C)

< 0.1% FS (23°C)

< 0.5% FS (23°C)

< 0.5% FS (23°C)

< 0.5% FS (23°C)

< 150 ppm / K FS

< 150 ppm / K FS

< 150 ppm / K FS

150 ms

150 ms

150 ms

IP20

IP20

IP20

1.5 mm² screw type

1.5 mm² screw type

1.5 mm² screw type

55 g (1.94 oz)

55 g (1.94 oz)

55 g (1.94 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 cod. X766802

CWBK 7-0803 cod. X766803

CWBK 7-0804 cod. X766804

APPLICATIONS

Through a "HALL" sensor they grant AC/DC current measurements.

The presence of current in a circuit indicates not only that power is supplied but also that the circuit is closed and the load connected and active.

It's also possible to know the work conditions of the circuit.

The module guarantees galvanic isolation between the current conductor and the analogue.

● → Switch On		S1			
Input	Output	1	2	3	4
0-1A	0-10V				
0-1A	0-20mA	●			
0-1A	4-20mA		●		

Range WAA7-0540

● → Switch On		S1			
Input	Output	1	2	3	4
0-5A	0-10V				
0-5A	0-20mA	●			
0-5A	4-20mA		●		

Range WAA7-0541

● → Switch On		S1			
Input	Output	1	2	3	4
0-10A	0-10V				
0-10A	0-20mA	●			
0-10A	4-20mA		●		

Range WAA7-0542