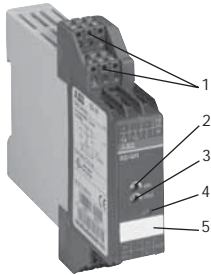


# Measuring converter for current RMS values CC-U/I

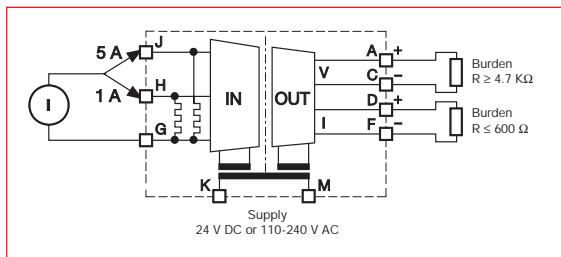


CC-U/I

- 1 Plug-in connecting terminals
- 2 Gain adjustment
- 3 Offset adjustment
- 4 U: green LED -supply voltage
- 5 Marker

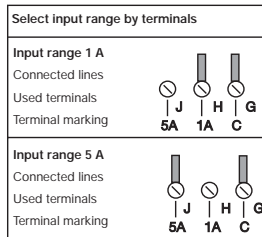
CC-U/I universal current measuring converter for RMS values of 0-1 A and 0-5 A, with 3-way electrical isolation

- RMS converter for current signals up to 1 A and up to 5 A of any wave form (DC, DC with superimposed AC components, pure sinusoidal, triangular, phase-angle controlled, etc. in a measuring range of 0-600 Hz)
- Adjustment and operating elements on the front-face
- Short-circuit proof signal outputs
- Plug-in connecting terminals for inputs, outputs and supply



DIP switch settings

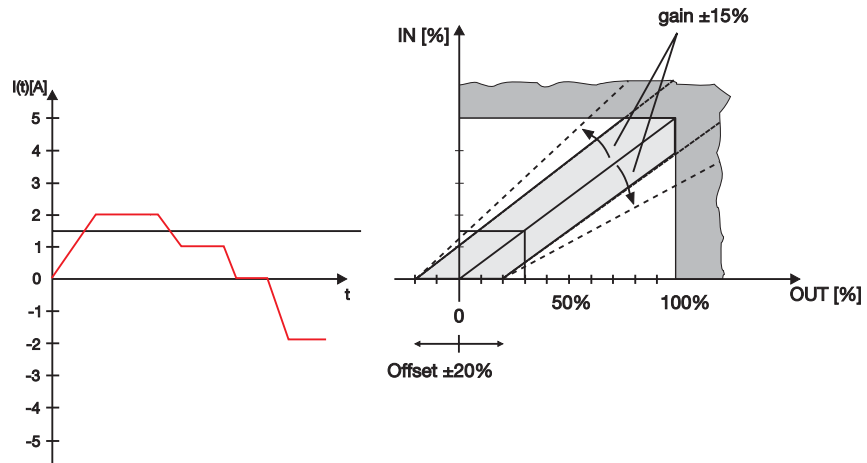
| Output          | SW1 |   |   |   |   |   |   |   |
|-----------------|-----|---|---|---|---|---|---|---|
|                 | 1   | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 0...5 V         |     |   |   |   |   |   |   |   |
| 0...10 V        |     |   |   |   |   |   |   |   |
| 1...5 V         |     |   |   |   |   |   |   |   |
| 2...10 V        |     |   |   |   |   |   |   |   |
| -10...+10 V     |     |   |   |   |   |   |   |   |
| -5...+5 V       |     |   |   |   |   |   |   |   |
| -10...+0 V      |     |   |   |   |   |   |   |   |
| -5...0 V        |     |   |   |   |   |   |   |   |
| 0...888 V       |     |   |   |   |   |   |   |   |
| -10...+888 V    |     |   |   |   |   |   |   |   |
| -5...+188 V     |     |   |   |   |   |   |   |   |
| 0...8 V         |     |   |   |   |   |   |   |   |
| 0...4 V         |     |   |   |   |   |   |   |   |
| -10...+2 V      |     |   |   |   |   |   |   |   |
| -5...+1 V       |     |   |   |   |   |   |   |   |
| 1,28...6,25 V   |     |   |   |   |   |   |   |   |
| -7,5...+2,5 V   |     |   |   |   |   |   |   |   |
| -3,75...+1,25 V |     |   |   |   |   |   |   |   |
| 1,66...8,33 V   |     |   |   |   |   |   |   |   |
| -6,66...+6,66 V |     |   |   |   |   |   |   |   |
| -3,33...+3,33 V |     |   |   |   |   |   |   |   |
| -1,66...+0 V    |     |   |   |   |   |   |   |   |
| -4...0 V        |     |   |   |   |   |   |   |   |
| 0...1 mA        |     |   |   |   |   |   |   |   |
| 0...20 mA       |     |   |   |   |   |   |   |   |
| 4...20 mA       |     |   |   |   |   |   |   |   |
| 0...10 mA       |     |   |   |   |   |   |   |   |
| 0...0,5 mA      |     |   |   |   |   |   |   |   |
| 0...18,33 mA    |     |   |   |   |   |   |   |   |
| 0...888 μA      |     |   |   |   |   |   |   |   |
| 0...18 mA       |     |   |   |   |   |   |   |   |
| 0...800 μA      |     |   |   |   |   |   |   |   |
| 0...8 mA        |     |   |   |   |   |   |   |   |
| 0...400 μA      |     |   |   |   |   |   |   |   |
| 2,5...12,5 mA   |     |   |   |   |   |   |   |   |
| 125...625 μA    |     |   |   |   |   |   |   |   |
| 3,33...16,66 mA |     |   |   |   |   |   |   |   |
| 166...833 μA    |     |   |   |   |   |   |   |   |
| 0,2...1 mA      |     |   |   |   |   |   |   |   |
| 2...10 mA       |     |   |   |   |   |   |   |   |
| 100...500 μA    |     |   |   |   |   |   |   |   |



Legend

|   |              |
|---|--------------|
| ■ | ON           |
| □ | OFF          |
| □ | no influence |

Example of application:  
RMS measurement and conversion of a current signal



| Type   | Supply voltage<br>50/60 Hz  | Order code         | Pack. unit<br>pieces |
|--------|-----------------------------|--------------------|----------------------|
| CC-U/I | 24-48 V DC / 24 V AC        | 1SVR 040 006 R0100 | 1                    |
|        | 110-240 V AC / 100-300 V DC | 1SVR 040 007 R0200 | 1                    |