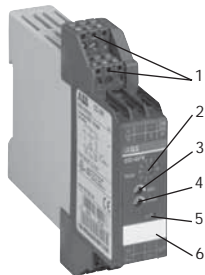


# Measuring converter for voltage RMS values CC-U/V

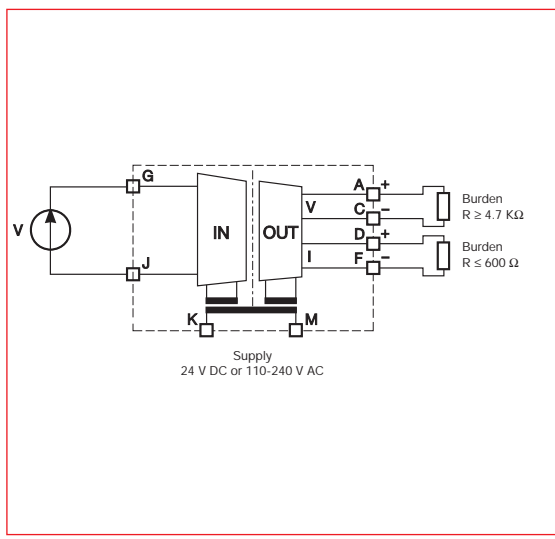


CC-U/V

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

## CC-U/V universal voltage measuring converter for RMS values of 0-600 V, with 3-way electrical isolation

- RMS converter for voltage signals up to 600 V 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

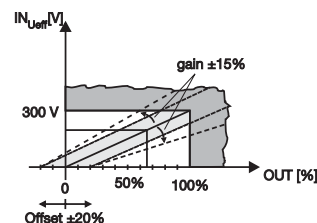
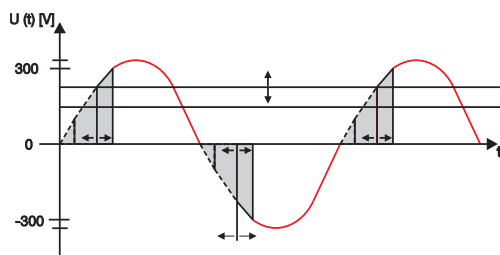
Output	SW1					
	1	2	3	4	5	6
0...5 V			■			
0...10 V			■			
1...5 V						■
2...10 V						■
-10...+10 V					■	
-5...+5 V					■	
-10...0 V					■	
-5...0 V					■	
0...8,88 V					■	
-10...3,33 V					■	
-5...1,66 V					■	
0...8 V					■	
0...4 V					■	
-10...-2 V					■	
-5...-1 V					■	
1,25...6,25 V					■	
-7,5...-2,5 V					■	
-3,75...-1,25 V					■	
1,66...8,33 V					■	
-6,66...-8,88 V					■	
-3,33...-3,33 V					■	
-8...0 V					■	
-4...0 V					■	
0...1 mA						■
0...20 mA						■
4...20 mA						■
0...10 mA						■
0...0,5 mA						■
0...13,33 mA						■
0...666 μA						■
0...16 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						■

Measuring voltage ranges

Selecting input range by front-face rotary switch	Switch position
0...100 V	1
0...150 V	2
0...250 V	3
0...300 V	4
0...400 V	5
0...450 V	6
0...550 V	7
0...600 V	8

Legend	
■	ON
□	OFF
□	no influence

Example of application:  
RMS measurement and conversion of a phase-angle controlled voltage signal L1 = 230 V



Type	Supply voltage 50/60 Hz	Order code	Pack unit pieces
CC-U/V	24-48 V DC / 24 V AC	1SVR 040 008 R1300	1
	110-240 V AC / 100-300 V DC	1SVR 040 009 R1400	1