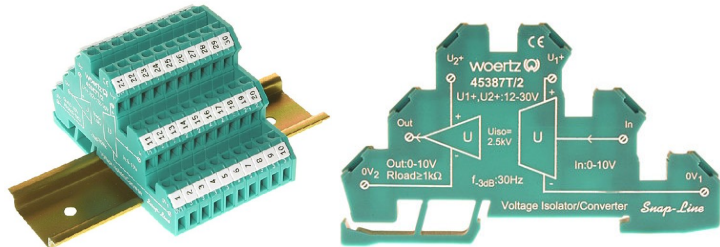


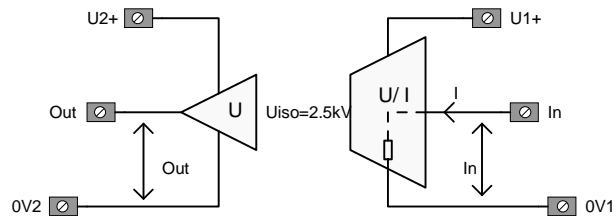
### Features

- 5.08mm Snap-Line terminal with an integrated isolation amplifier
- Special input voltage: 0-5V. Output: 0-10V
- Standard version with low pass filter for suppression of 50-60 Hz and other noise.
- Fast (F) version with a cut frequency of ca. 20kHz for high speed applications
- Wide supply voltage range
- High isolation voltage
- On request: other input and output voltages and higher accuracy (see standard data sheet)



### Accessories

- 30407T End barrier
- 30403 Compatible 3-level terminal
- 30413RO Cross connection 20-pole red
- 30413BL Cross connection 20-pole blue
- 30790 Cross connection 10-pole grey
- 81535/x Cross connection with screws x = 2, 3, 4, 5, 10 poles
- 30411, 12 Isolation strip red, blue
- 80247, 48 Test plug, red, black
- 35455/55xx Labels for custom use RB5x5



### Technical data (Ta = 25°C)

#### Supply

Supply voltages (input and output sides)  
 Supply current input side (U<sub>1</sub>+ = 24V)  
 Power supply current output side (no load, U<sub>1</sub>+ = 24V)

#### Converter

Input range  
 Output voltage range  
 Input impedance  
 Conversion error

Min. output load  
 Cut frequency of standard version  
 Cut frequency of fast version (F)  
 Overvoltage protection at the output  
 Input / output dielectric strength  
 Input / output creepage distance

#### General data

Operating temperature range  
 Rated cross section of connecting terminals  
 Maximum torque  
 Size W x H x D (from rail)

#### Order numbers

Standard version  
 Fast version

#### 0-5V input

12-30VDC  
 max. 20mA  
 max. 5mA

0-5VDC  
 0-10VDC  
 1MΩ  
 <0.5% (50mV)  
 (typically <0.2%)

min. 1kΩ  
 ca. 30Hz  
 ca. 20kHz  
 ca. 11V  
 2.5kV  
 1.5mm

0°C to +45°C  
 2.5mm<sup>2</sup> (AWG24-14)  
 0.4Nm  
 5.08 x 86.5 x 44mm

#### 0-5V input

**47230T/2**  
**47230T/2F**