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Features

- 3-wire potentiometer / 0-10V converter
- Not isolated (common negative terminal)
- Integrated low-pass filter suppresses disturbance
- Output over voltage and short-circuit protected
- Wide supply voltage range
- Wide range of potentiometers
- LED power indication
- On request: 2-wire version, higher accuracy, wider temperature range

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
- 30409/x Cross connection with screws x = 2, 3, 4, 5, 10 poles
- 30411, 12 Isolation strip, red, blue
- 80247, 48 Test plug red, black
- 30455/55xx Labels for custom use RB/5x5

Technical data (T_a=25°C)

Supply

Power supply range
Supply current (without load)

Converter

Potentiometer range

Output

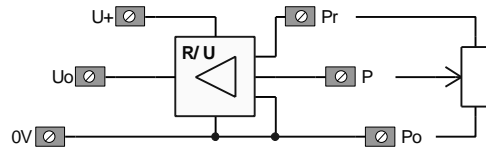
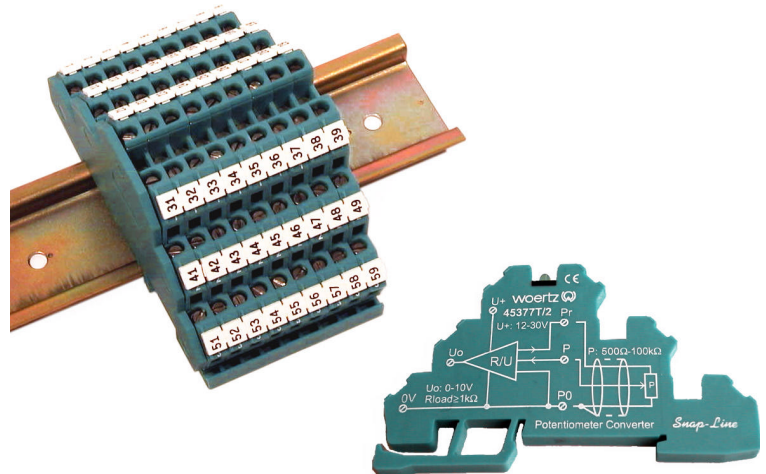
Conversion error
Minimum load
Low-pass filter
Output protection
Reference voltage for potentiometer

General data

Operating temperature range
Wire cross-section
Maximum torque
Size L x W x H (from rail)

Order number

3-wire potentiometer / 0-10V converter



12-30VDC
ca. 40mA (at U₊=24V)
ca. 30mA (at U₊=12V)

500Ω-100kΩ
(higher resistance possible with lower accuracy)

0-10V
<0.5% (50mV)

1kΩ

ca. 10Hz

ca. 11V

5V

0°C to +45°C
2.5mm² (AWG24-14)

0.4Nm

5.08 x 86.5 x 44mm

45377T/2