



| | | |
|-----------------------|----------|-------------|
| Identification | Type | WUAA 6-0517 |
| | Part-No. | 750517 |

Input

| | | |
|-------------------------|---|--|
| | mV, V | mA |
| Input signal | 0–60, 0–100, 0–300, 0–500 mV 0–1, 0–2, 0–5, 0–10, 0–20, 2–10 V adjustable via DIP switch S1 | 0–5, 0–10, 0–20, 4–20, ±5, ±20 mA adjustable via DIP switch S1 |
| Input resistance | 330 kΩ | 100 Ω |
| Galvanic insulation I/O | 3-way isolation | |
| Zero /Span | Production comparison | |
| Transmission frequency | 30 Hz at 3 dB | |

Load Side

| | | | |
|---------------------------------|---------------|----------------|----------------|
| | 0/10 V | 0–20 mA | 4–20 mA |
| Max. load impedance at I-output | | 400 Ω | 400 Ω |
| Max. load impedance at U-output | >1 kΩ | | |
| Load impedance | 55 Ω | | |
| Output current | max. 21 mA | | |

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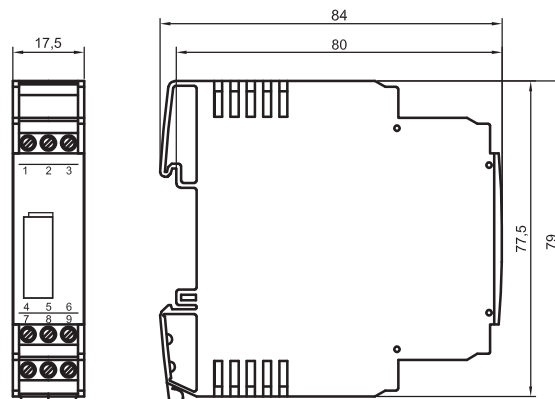
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| | |
|---------------|-----------------------|
| Output signal | Adjustable via switch |
| Ripple | <5 mV _{eff} |

General

| | |
|---------------------------------|--|
| Nominal voltage | AC/DC 24–240 V |
| Operation voltage range | DC: 16.8–264 V, AC: 19.2–264 V |
| Rated current | 12.0 mA |
| Status Indication | LED yellow |
| Input/output protection | Overvoltage AC/DC 30 V; Current input with PTC, Output short circuit-proof |
| Accuracy | 0.1 % FSR (23 °C) |
| Linearity error | 0.02 % |
| Rise time (10 - 90%) | 10 ms |
| Build-up time (Accuracy 1%) | 30 ms |
| Transmission frequency | <30 Hz |
| Temperature coefficient | <150 ppm / K FSR |
| Insulation voltage input/output | 4.0 kV _{eff} |
| Housing material | PPE |
| Field installation | rail TS 35 (EN 50022) |
| Protection class | IP 20 |
| Installation position | Optional |
| Termination | Screw terminal: 0.14–1.5 mm ² |
| Operation temperature range | -25 °C – 60 °C |
| Storage temperature range | -40 °C – 85 °C |
| Dimensions (w × h × d) | 6.2 × 79.0 × 84.0 mm |
| Weight (kg/piece) | 0.070 kg/piece |
| Approvals | cULus, Class I, Div. 2, Groups A, B, C, D T4A |

Dimensions



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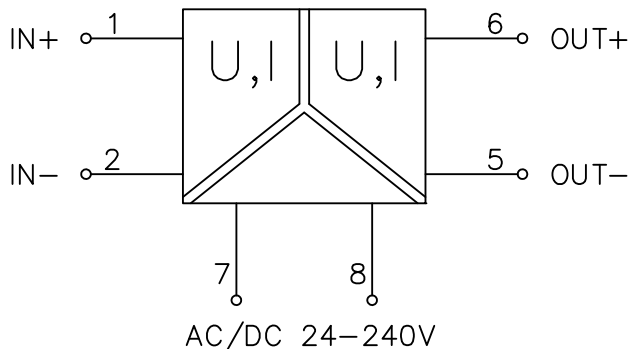
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PIN assignment



Range adjustment

| S1 | | | |
|-----------|------|----------|------|
| Input | Pos. | Input | Pos. |
| 0 - 60mV | 0 | 0 - 20V | 8 |
| 0 - 100mV | 1 | 2 - 10V | 9 |
| 0 - 300mV | 2 | 0 - 5mA | A |
| 0 - 500mV | 3 | 0 - 10mA | B |
| 0 - 1V | 4 | 0 - 20mA | C |
| 0 - 2V | 5 | 4 - 20mA | D |
| 0 - 5V | 6 | ±5mA | E |
| 0 - 10V | 7 | ±20mA | F |

| ● → Switch On | S2 | | | |
|---------------|----|---|---|---|
| | 1 | 2 | 3 | 4 |
| Output | | | | |
| 0-10V | ● | | | |
| 0-20mA | | ● | | |
| 4-20mA | | | ● | |

Accessories

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| Accessories | Color | Article number | Type | PU |
|--|-------|----------------|----------|-----|
| Tag holder 7×20 mm | white | 760968 | BZT-0720 | 100 |
| Laser printer label 6.35×15.24 mm (sheet with 528 labels) | | 681033 | LEB-0615 | 1 |

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