



|                        |                              |                 |                  |                   |
|------------------------|------------------------------|-----------------|------------------|-------------------|
| <b>Identification</b>  | Type                         | WNAF 6-0512     |                  |                   |
|                        | Part-No.                     | 750512          |                  |                   |
| <b>Input</b>           |                              |                 |                  |                   |
|                        | <b>0/10 V</b>                | <b>0–20 mA</b>  | <b>4–20 mA</b>   |                   |
| Input resistance       | 330 k $\Omega$               | 100 $\Omega$    | 100 $\Omega$     |                   |
| Input signal           | adjustable via DIP switch S1 |                 |                  |                   |
| Galvanic isolation I/O | 3-way isolation              |                 |                  |                   |
| Zero /Span             | Production comparison        |                 |                  |                   |
| Transmission frequency | 30 Hz at 3 dB                |                 |                  |                   |
| <b>Load Side</b>       |                              |                 |                  |                   |
|                        | <b>0–50 Hz</b>               | <b>0–100 Hz</b> | <b>0–1000 Hz</b> | <b>0–10000 Hz</b> |
| Output signal          | adjustable via DIP switch S1 |                 |                  |                   |
| Output voltage         | 15 V at 4 mA, 10 V at 7 mA   |                 |                  |                   |
| Output current         | max. 7 mA                    |                 |                  |                   |
| Ripple                 | <5 mV <sub>eff</sub>         |                 |                  |                   |
| <b>General</b>         |                              |                 |                  |                   |
| Nominal voltage        | AC/DC 24–240 V               |                 |                  |                   |

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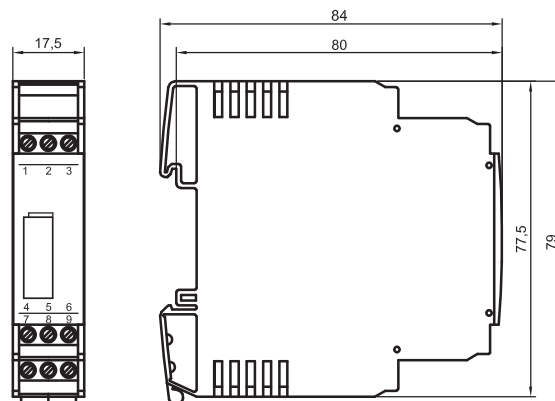


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|                                 |  |
|---------------------------------|--|
| Operation voltage range         | DC: 16.8–264 V; AC: 19.2–264 V   |
| Rated current                   | 12.0 mA  |
| Status Indication               | LED yellow   |
| 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 %   |
| Transmission frequency          | <30 Hz   |
| Temperature coefficient         | <150 ppm / K FSR   |
| Insulation voltage input/output | 4.0 kV <sub>eff</sub>  |
| 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 <sup>2</sup>                                   |
| Operation temperature range     | -25 °C – 60 °C   |
| Storage temperature range       | -40 °C – 85 °C   |
| Dimensions (w × h × d)          | 17.5×79.0×84.0 mm  |
| Weight (kg/piece)               | 0.070 kg/piece   |
| Approvals                       | cULus  |

### Dimensions



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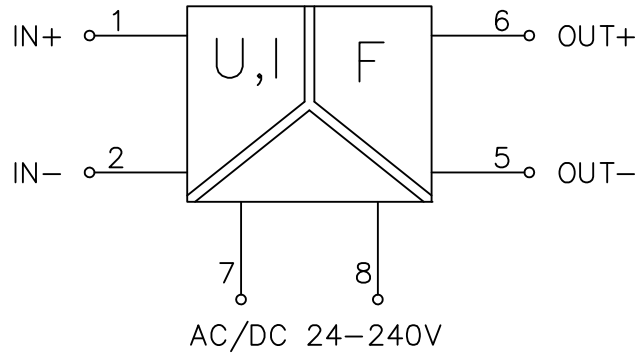
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**PIN assignment**



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Range adjustment

| S1       |           |      |
|----------|-----------|------|
| Input    | Output    | Pos. |
| 0 - 20mA | 0 - 50Hz  | 0    |
| 0 - 20mA | 0 - 100Hz | 1    |
| 0 - 20mA | 0 - 1kHz  | 2    |
| 0 - 20mA | 0 - 10kHz | 3    |
| 4 - 20mA | 0 - 50Hz  | 4    |
| 4 - 20mA | 0 - 100Hz | 5    |
| 4 - 20mA | 0 - 1kHz  | 6    |
| 4 - 20mA | 0 - 10kHz | 7    |
| 0 - 10V  | 0 - 50Hz  | 8    |
| 0 - 10V  | 0 - 100Hz | 9    |
| 0 - 10V  | 0 - 1kHz  | A    |
| 0 - 10V  | 0 - 10kHz | B    |

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### Accessories

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| Accessories  | Colour | Article number | Type      | PU  |
|--|--------|----------------|-----------|-----|
| Jumper comb 24pole, 26A  | blue   | 760801         | BK 6-0801 | 5   |
| marker holder  | white  | 681311         | BZT 0720  | 100 |
| Labels for laser printer A4 unpunched                              |        | 681031         | LEB - A4  | 1   |
| Labels for laser printer 6,35 x 15,24mm<br>(Sheet with 528 labels) |        | 681033         | LEB 0615  | 1   |

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