

Timer/time relay TI484801



- Timer/time relay in 48 mm x 48 mm format
- Universal AC and DC power supply unit
- 5 different operating modes
- 2-line LED display
- Simple programming via keypad or software
- Two switching outputs as relays

<https://www.wachendorff-prozesstechnik.de/en/TI484801>

Description

The compact TI484801 timer can work in 5 different operating modes: Timer-ON, Timer-OFF, Pause mode, Oscillator and PWM (time-proportional output), whereby the switch-on and switch-off times can be set independently of each other. External control signals such as start, stop or reset can be fed in and programmed via three function inputs (NPN/PNP). One function input can also be connected via a potentiometer to specify the time setting. Thanks to the 5 different time ranges, the TI484801 can be used for almost all applications. In addition to an excellent price/performance ratio and high quality, the timer impresses with its robust, compact housing and brilliant display.

Product details

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| Display: | 2-line LED display Upper line: Actual value, 4 digits, green with 10.2 mm digits Lower line: setpoint, 4 digits, red with 7.6 mm digits |
| Indicators: | Two red indicators for the status of the relay outputs and one yellow indicator for serial communication. C1,C2: ON when output is active. R: ON for serial communication |
| Keyboard: | 3 buttons for programming and setting the setpoint. |
| Inputs: | Three digital inputs adjustable as PNP, NPN or TTL. Programmable switching thresholds for activation as high active/low active/rising edge or level-controlled. |
| Function inputs: | Start, stop, hold, reset, wait, Setpoint setting (I3). |
| Time ranges: | Programmable time ranges (hundredths of a second, tenths of a second, second, minute, hour). |
| Relay output: | 2 NO contacts with 8 A @ 250 VAC. Programmable as normally open or normally closed contact. |
| Power supply: | 24 VAC/DC to 230 VAC/DC +/-15 %, 50/60 Hz; 2W |
| Housing: | Black, impact-resistant plastic housing. |

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| Dimensions: | W 48 mm x H 48 mm x D 107 mm. Panel cut-out 46 mm x 46 mm. Fastening via mounting frame with screws. Recommended thickness of the switch panel 2 to 6 mm. |
| Ambient conditions: | Operating temperature: 0 °C to +45 °C; Relative humidity 35% to 95 %rh, non-condensing. |
| Programming: | Programming and operation is menu-guided via the front buttons. With the programming module, the controller can also be programmed using software that runs under Windows™. be programmed. This software is compatible with Windows 7 and Windows 10. The memory card has an internal battery. This makes it possible to program the devices without connecting the supply (up to 1,000 programs with one battery). |
| Data protection: | Password-protected access to setpoint, alarm values and parameters. |
| Scope of delivery: | Device, fixing material, seal, operating instructions. |
| Certificates: | UL, CE, RoHS |
| Customs tariff number: | 9026 80 20 |
| Manufacturer: | Wachendorff Prozesstechnik GmbH & Co. KG |

Products Order no.

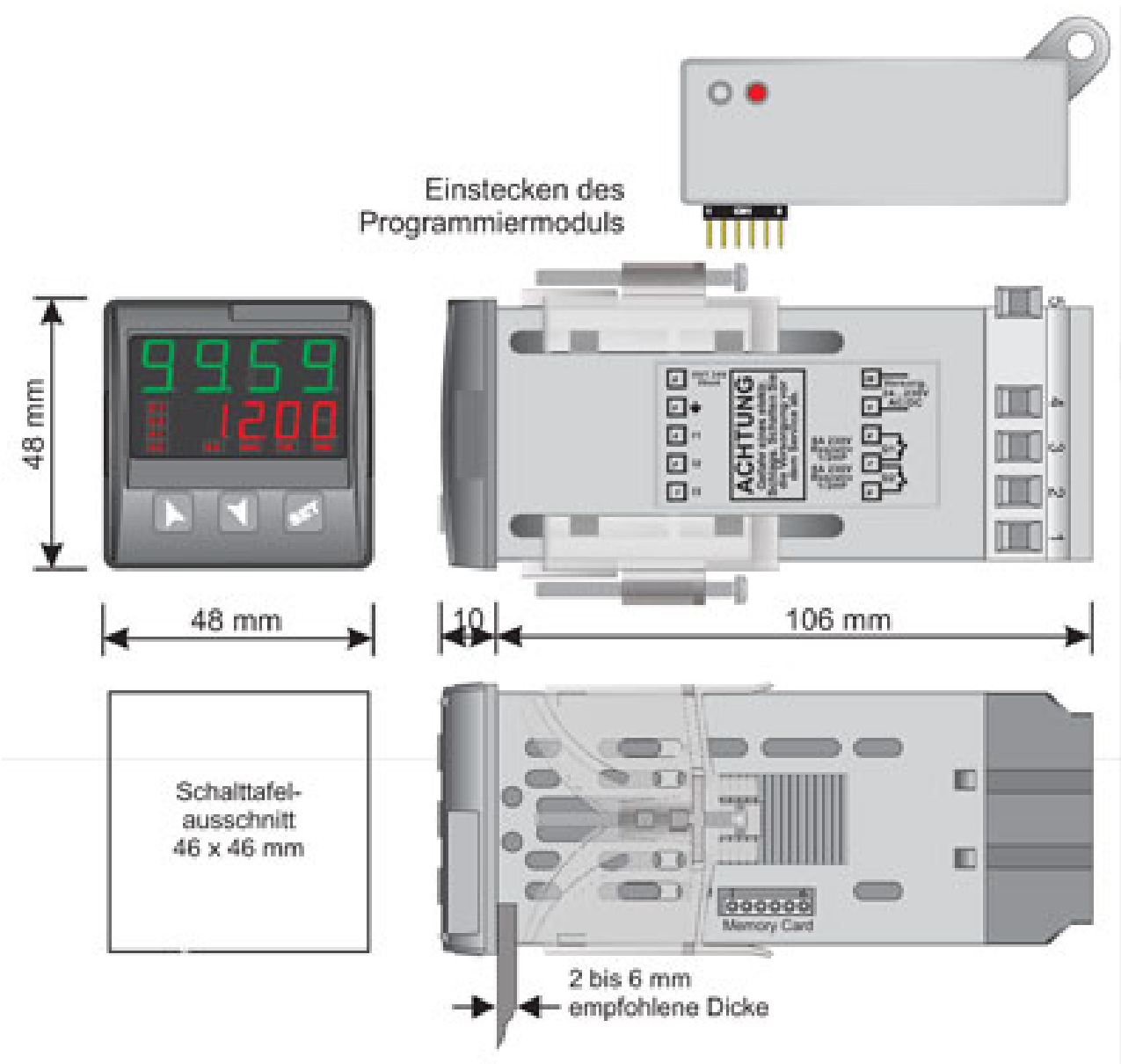
| | |
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| TI484801 | Timer/time relay, 24 to 230 VAC/VDC |
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Accessories Order no.

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| SFUR0KIT | Programming module for Wachendorff PID universal controllers and digital displays of the TA, TH, TI, UA, UR, VZ and ZD series |
| URDR4848 | DIN rail adapter for devices in the UR4848 series |

Drawings

Dimensions and STEP file



Downloads / FAQ

The following files could be downloaded from our website directly from this product under the tab "Drawings":

STEP file as zip and pdf for viewing

UR484802.zip

Drawings

Input signal/logic level:

| Eingangssignal Logik Level | NPN | PNP | TTL |
|-------------------------------|---------|-----------------------------------|---------|
| High | < 4,7 V | >5,7 V (I1, I2) >12,4 V (I3) | >2,5 V |
| Low | > 5,7 V | < 4,7 V (I1, I2) < 10,2 V (I3) | < 2,0 V |

Eingang I3 kann auch zum Anschluss eines Potentiometers (0 bis 5/10 kOhm) zur Vorgabe des Sollwertes verwendet werden (Auflösung: 1.000 Schritte).

UR484802.zip



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