

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

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.

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.

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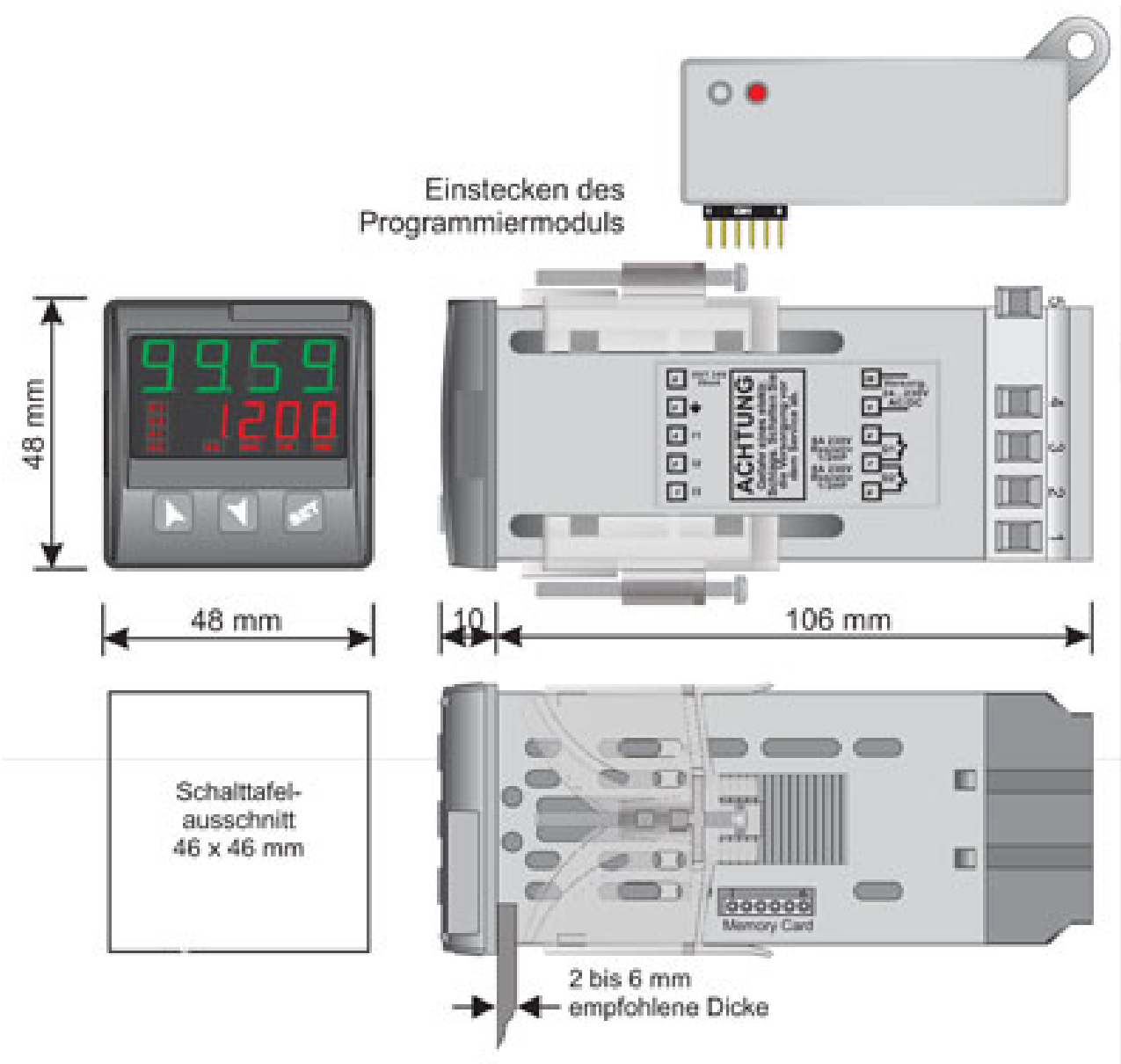
Accessories Order no.

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

URAD4848	Installation adapter 48 x 96 mm to 48 x 48 mm
URAD9648	Installation adapter 96 x 96 mm to 48 x 48 mm
URAD7248	Installation adapter 72 x 72 mm to 48 x 48 mm

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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