

Timer/time relay TI327401



- Timer/time relay in 32 mm x 74 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/TI327401>

Description

The compact little timer TI327401 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 TI327401 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-digit, green with 10.2 mm digits Lower line: setpoint, 4 digits, red with 7.6 mm digits
Indicators:	Two red indicators for relay output status and one yellow indicator for serial communication. 1, 2: ON when output is active. R: ON for serial communication
Keyboard:	4 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. See also table under Drawings input signal/logic level
Function inputs:	Start, stop, hold, reset, wait, setpoint setting (I3).
Time ranges:	Programmable time ranges (hundredths of a second, tenth of a second, second, minute, hour).
Relay output:	1 changeover relay with 5 A @ 250 VAC and 1 NO contact with 5 A @ 250 VAC.
Sensor supply:	24 VDC - 30 mA with 24 VAC supply - 40 mA with 24 VDC supply - 60 mA with 110 to 230 VAC supply.

Power supply:	24 VAC/DC to 230 VAC/DC ±15 %, 50/60 Hz; 2 W
Data protection:	Password-protected access to setpoint, alarm values and parameters.
Programming:	Programming and operation is menu-guided via the front buttons. With the programming kit, the controller can also be programmed using Windows™ software. 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 power supply (up to 1,000 programs with one battery).
Protection class:	Jet-proof and dust-tight to IP65 from the front (with seal), rear protection class IP20.
Housing:	Black, impact-resistant plastic housing.
Dimensions:	W 77 mm x H 35 mm x D 53 mm. Panel cut-out 28.5 mm x 70.5 mm.
Fastening:	Via mounting frame with plastic clamping bracket. Recommended thickness of the switch panel 2 mm to 8 mm.
Connection:	About screw terminals
Ambient conditions:	Operating temperature: 0 °C to +40 °C; relative humidity 35% to 95%rh, non-condensing.
Weight:	approx. 100 g
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.

TI327401	Timer/time relay, 24 to 230 VAC/VDC
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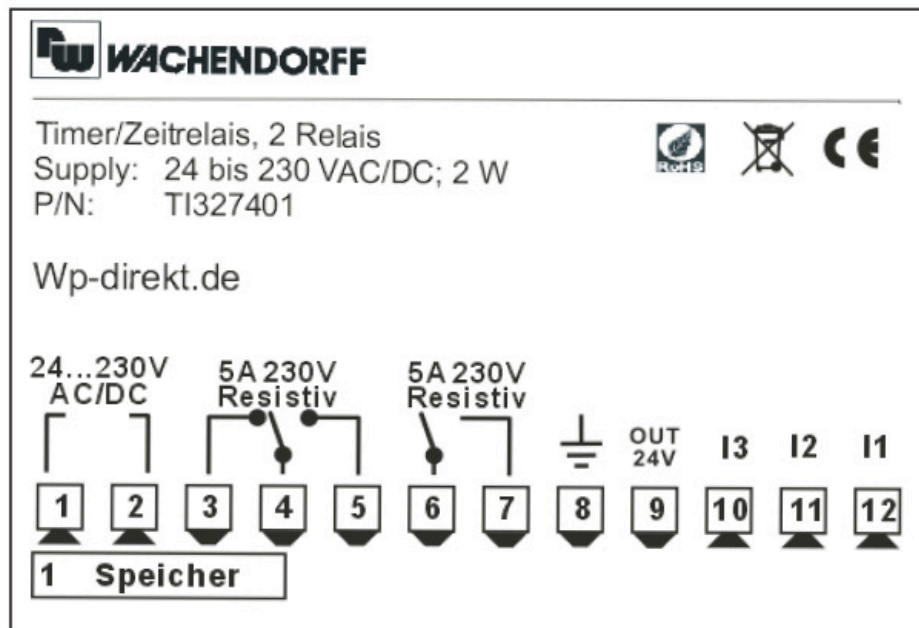
Accessories Order no.

SFUR0KIT	Programming module for Wachendorff PID universal controllers and digital displays of the TA, TH, TI, UA, UR, VZ and ZD series
URDR3274	DIN rail adapter for devices in the UR3274 series

Drawings

Connections:

Anschlüsse:



TI327401

Drawings

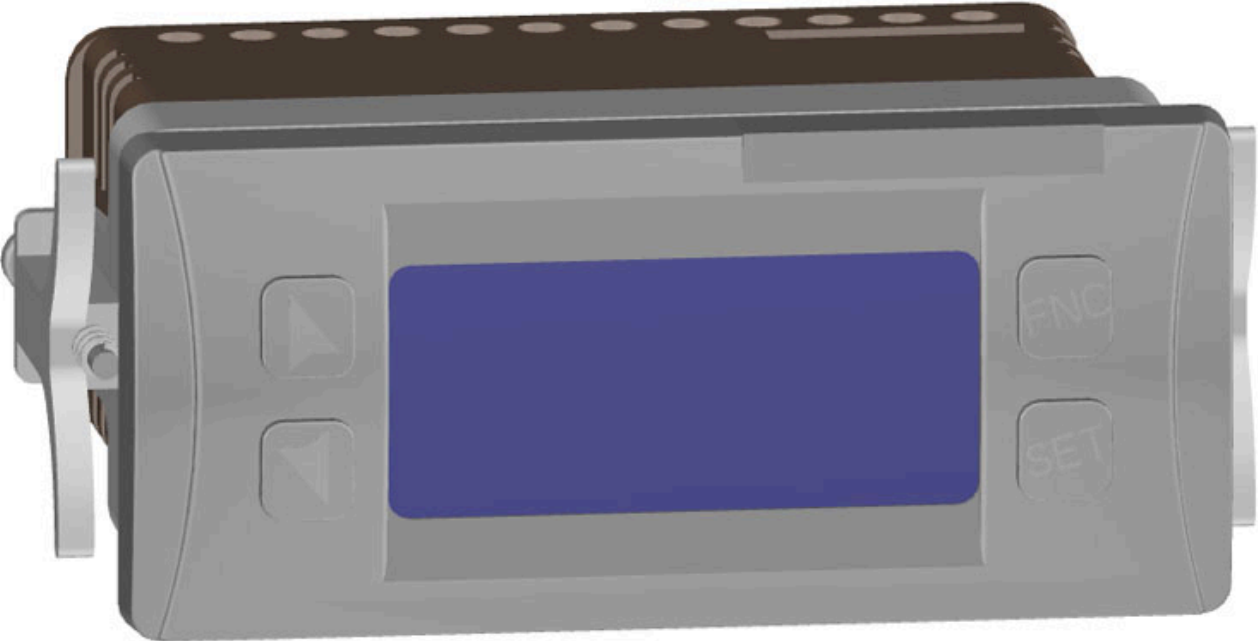
Input signal/logic level:

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).

Drawings

Step file TI327401





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