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Timer TI327401

- Timer in 32 mm x 74 mm format
- Universal AC/DC power supply
- 5 different operation modes
- 2-line LED display
- Easy programming by front keys or software
- Two relay outputs



TI327401

The compact small timer TI327401 is settable in 5 different modes: Timer-ON, Timer-OFF, Pause-Work, Oscillator, PWM (time-proportioned output), all options with independent setting of ON-OFF times. 3 digital inputs are available (NPN/PNP/Potential free contact) for external commands like Start, Stop, Reset; one input is also analogic in order to allow the modification of working times by external potentiometer.
Due to the 5 different time bases (hundredths, tenths, seconds, minutes, hours), the timer is usable for a lot of different applications. In addition to an excellent cost effectiveness and high quality, the timer offers a rugged, compact housing and a brilliant display.

Display: 2-line LED-Display
Upper line: Process value, 4-digit, green with 10.2 mm digits
Lower line: Setpoint, 4-digit, red with 7,6 mm digits

Indicators: Two red indicators for status relay outputs and a yellow indicator for serial communication.
1, 2: ON, when output active
R: ON when serial communication is active

Buttons: 4 front keys for programming and setting up the setpoints.

Inputs: Three digital inputs can be configured as PNP, NPN or TTL.Programmable thresholds for activation as a high / low active active / rising edge or level triggered.

Input signal / Logic 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

Input I3 can also be used for connection of a potentiometer (0 to 5/10 kOhm) for setting the nominal value (resolution: 1,000 steps).

Function of inputs: Start, stop, hold, reset, wait, setpoint input (I3).

Time bases: 5 different programmable time bases (hundredths, tenths, seconds, minutes, hours).

Relay output: 1 change over relay with 5 A @ 250 VAC and 1 closing contact with 5 A @ 250 VAC..

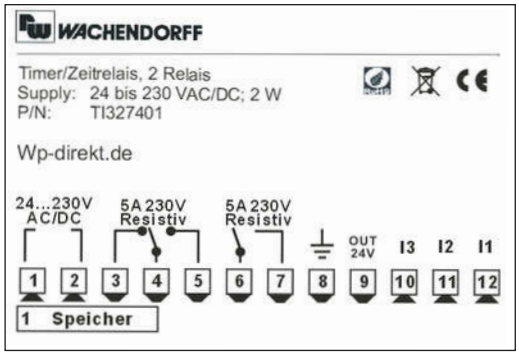
Excitation: 24 VDC
- 30 mA (24 VAC power supply)
- 40 mA (24 VDC power supply)
- 60 mA (110 bis 230 VAC power supply).

Supply:
24VAC/DC to 230 VAC/DC +/-15 %, 50/60Hz; 2 W

Data security: Password-protected access to setpoint, alarm values and parameters.

Programming: Programming and operation is menu-guided via the front keys. With the programming kit, the controller can also be programmed by a Windows ™ - software. The memory card has an internal battery. Thus, the programming of the devices is possible without the supply (up to 1000 programming with a battery).

Wiring plan:



TI327401

Protection class: IP65 from the front (with rubber sealing), back plane IP20.

Housing: Black and robust plastic case, PC ABS UL94V0 self-extinguishing.

Dimensions: W 77 mm x H 35 mm x D 53 mm. Panel cut out 28,5 mm x 70,5 mm.

Connection: Via screw terminal.

Ambient conditions: Operating temperature: 0 °C to +40 °C; relative humidity 35 % to 95 %. rF, non condensing.

Weight: 100 gramms.

Scope of delivery: Controller, mounting clamp, sealing, manual.

Order codes

Type	Order-No.
Timer, 230 VAC/VDC TI327401	
Accessories	
Programming module with USB cable	SFUR0KIT
Software download under: http://www.wachendorff.de/wp/dpc_dow_epg_sof.htmll	

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