

Timers for Staircase Lighting series VOWA



BZ327350

Schrack-Info

- Switch-off warning
- Time delay, long-time function programmable
- Energy saving function
- Impulse switch mode selectable
- Low switching noise
- High switching capacity, 80 A start-up peak
- Automatic 3-/4-conductor detection
- Glow lamp load up to 100 mA
- Width 17.5 mm
- Installation design

FEATURES

Electronic staircase lighting timer with switch-off warning. The control input allows the connection of pushbuttons with a total of up to 100 mA glow lamp load and enables the application in 3- or 4-wire circuits. The unit can be time-delayed via a connected pushbutton and switched off by a long keypress (energy saving function). By "pumping", the delay can be increased to a multiple of the freely selectable time t . Depending on the type, the following operating modes can be selected using the controls on the front:

0 Off

1 Continuous light (ON)

TW Automatic timer with switch-off warning

Only for BZ327360:

T Automatic timer without switch-off warning

P Impulse switch mode without time function

PN Impulse switch mode, power fail latch

Time ranges

Time delay adjustment range	0.5 - 12 min (in function T, TW)
Indicators	Green LED ON supply voltage is applied, yellow LED ON/OFF position of the output relay

Shockproof clamping yoke terminals

Tightening torque	Max 1 Nm
Terminal capacity	Terminal capacity 1 x 0.5 to 2.5 mm ² with/without multicore cable end, 2 x 0.5 to 1.5 mm ² with/without multicore cable end, 1 x 4 mm ² without multicore cable end, 2 x 2.5 mm ² flexible without multicore cable end

Input circuit:

Supply voltage Terminals	L - N
Nominal voltage	230 V AC / 50/60 Hz
Rated consumption	2 VA (1.0 W)
Duty cycle	100%
Reset time	500 ms

Output

1 normally open contact Terminals	L - 18
Rated voltage	250 V AC
Switching capacity (distance < mm)	10 A continuous current, start-up peak (20 ms) 80 A
Endurance, electrical, resistive load:	10 ⁵ operations at 16 A 250 V
Lamp load:	80,000 operations at 1000 W 250 V

Control input B1

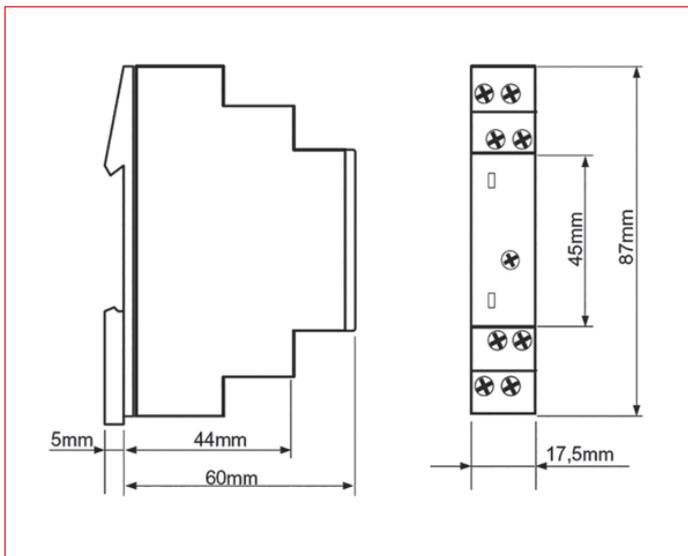
Connection not potential-free	Pushbutton B1-N (3-conductor circuit), pushbutton B1-L (4-conductor circuit)
Glow lamp load	Max. 100 mA parallel to the pushbuttons, electronic overload protection

Additional control input BZ327360

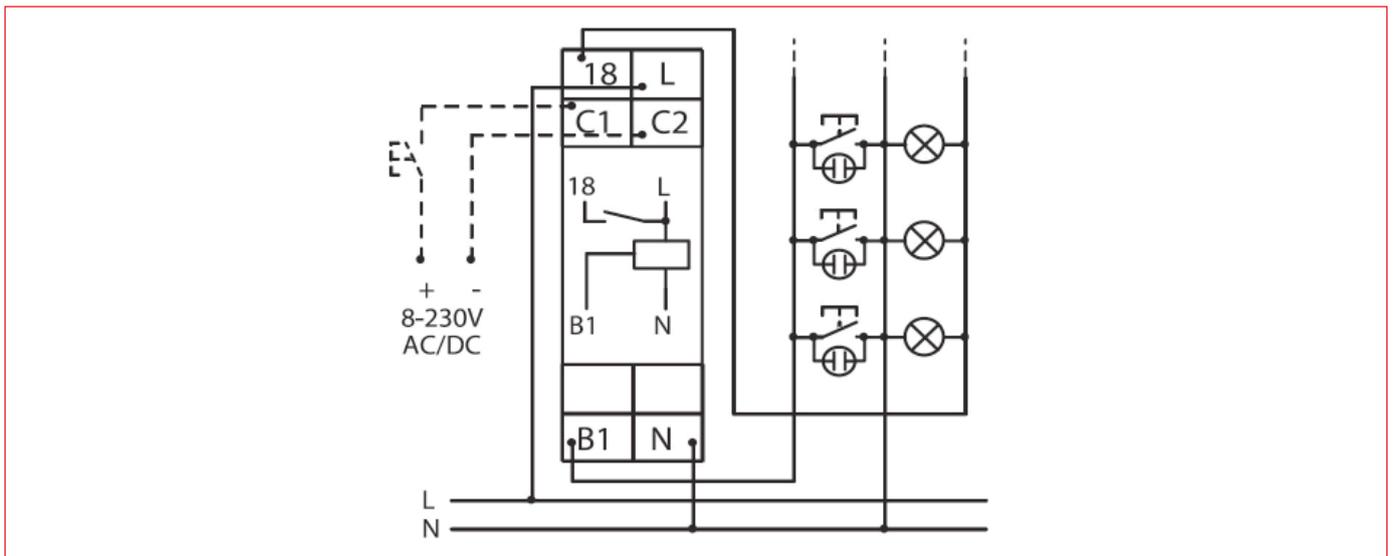
Connection	Control voltage at terminals C1 (+) - C2
Control voltage	8 to 230 V AC/DC
Galvanic isolation	Yes, basic insulation
Ambient conditions	Ambient temperature -25 to +55 °C (complies with IEC 68-1)
Dimensions	1 MW

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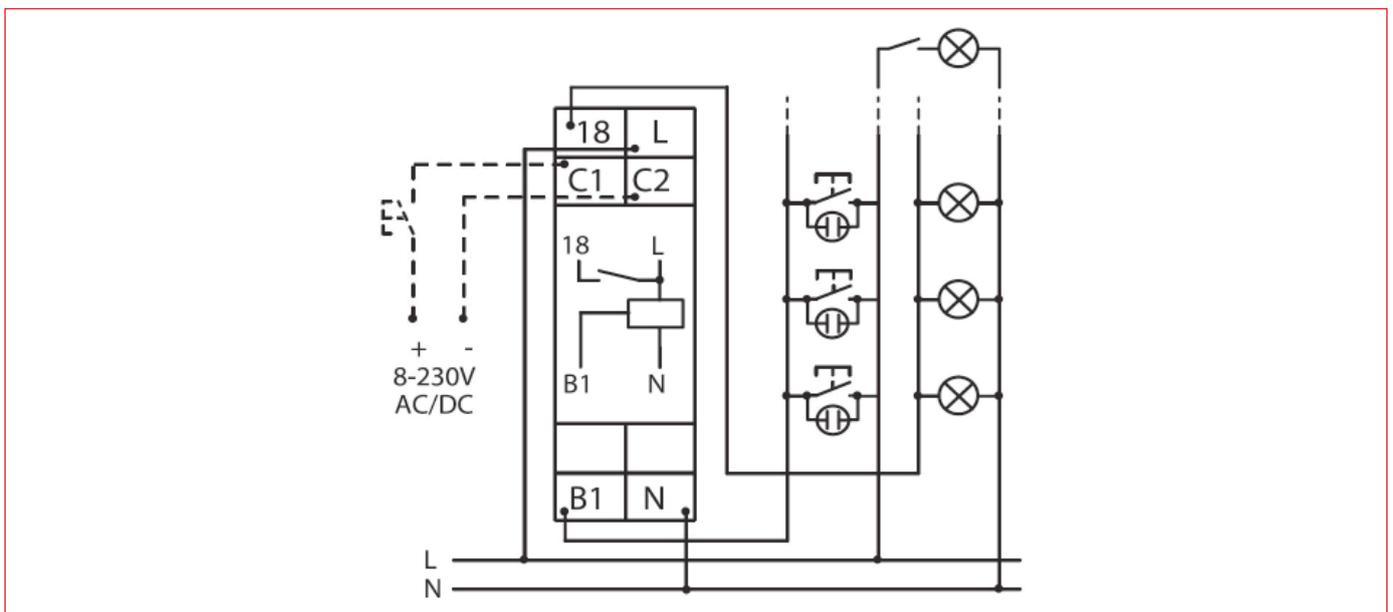
Dimensions



Wiring diagram 3-wire circuit

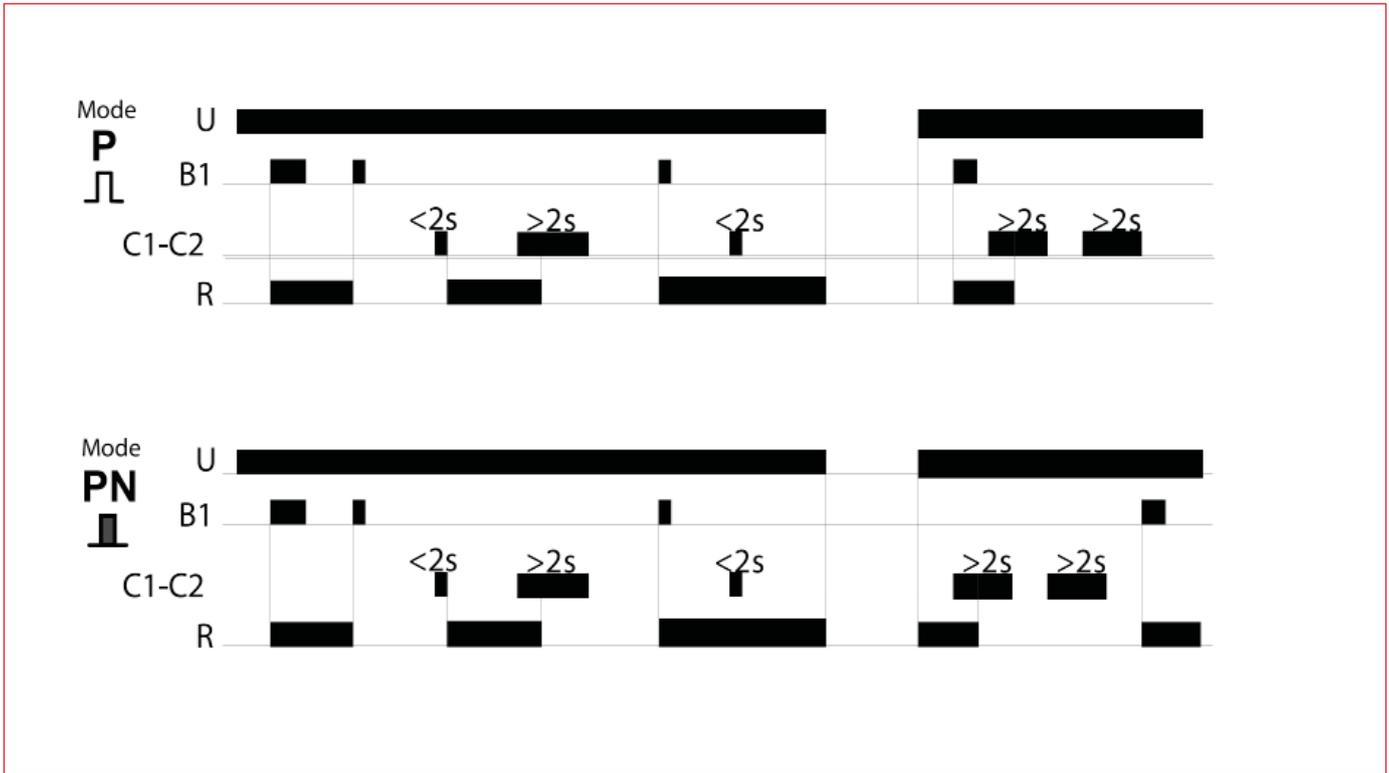


Wiring diagram 4-wire circuit

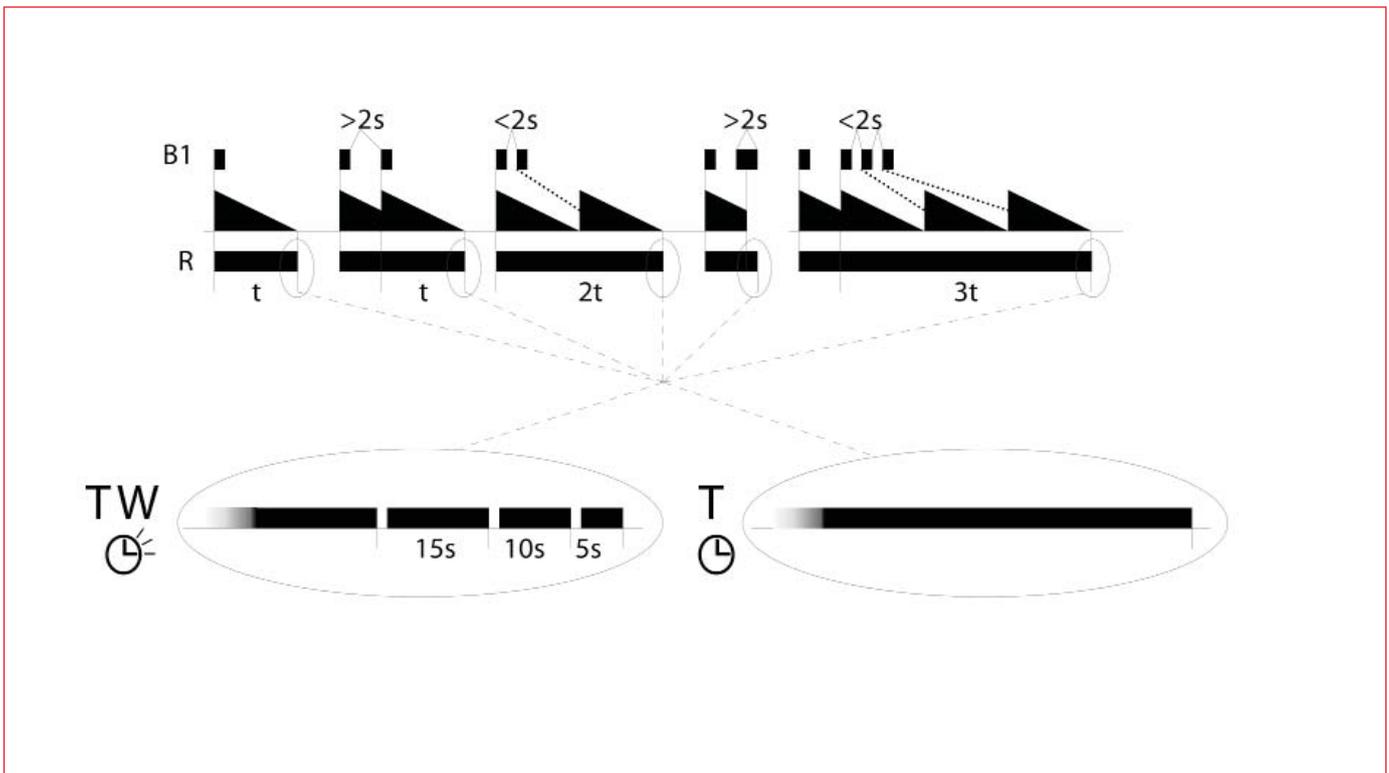


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DESCRIPTION	AVAILABLE	ORDER NO.
Staircase Timer VOWA, 1-12min, 16A, with Advance Warning		BZ327350
Staircase Timer VOWA+, 1-12m, 16A, Advance Warning+Contr.Inp		BZ327360