

Klippon® Relay

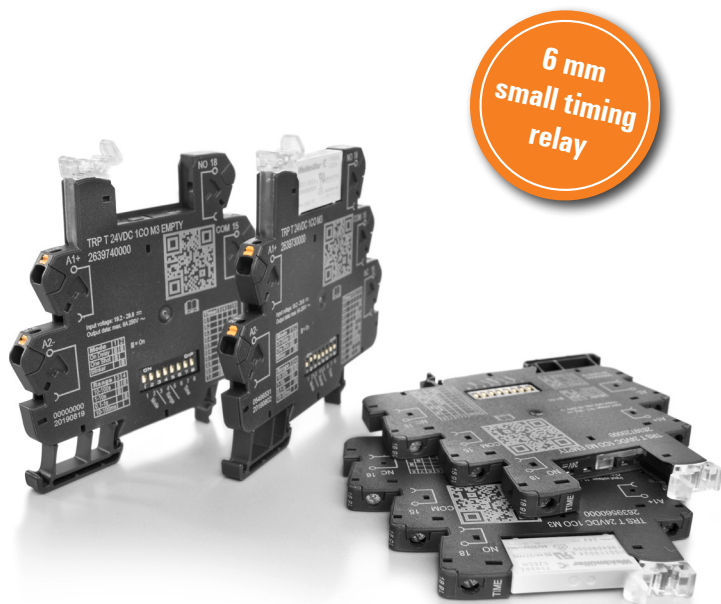
TERMSERIES TIMER

TERMSERIES timing relay with additional functions

Timing relays in compact 6.4 mm terminal block

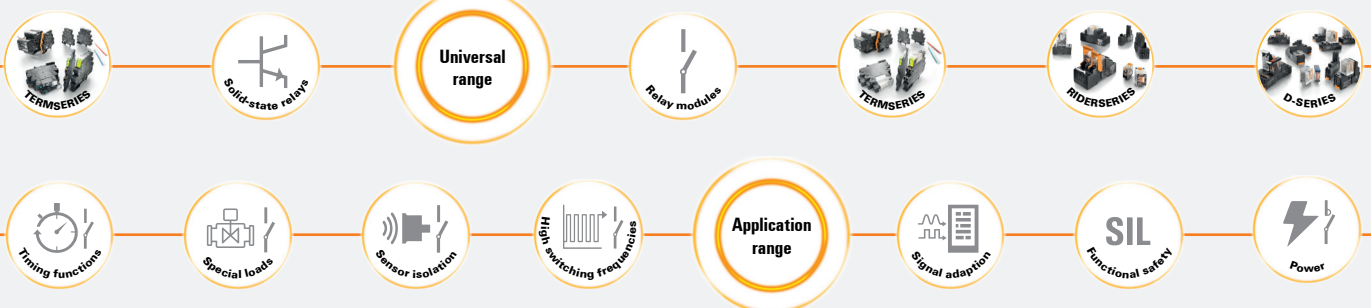
Timing relays are used in automation technology to offset errors from high cycle rates. Short pulses are extended and reliably detected by downstream control components. For this task, TERMSERIES timing relays are special designed.

To increase the advantage of our TERMSERIES, we have implemented timing functions. The DIP switches on the side conveniently set the timing functions and time ranges. A Duo-LED on the ejection lever indicates the respective switching status. By providing extensive accessories in TERMSERIES, we guarantee high flexibility and enable easy integration into existing systems.



Your special advantages:

- **Comfortable adjustment**
Timing function and time ranges are set easily via the DIP switches on the side.
- **International approvals**
TERMSERIES timing relays comply with EN 61812 for universal, worldwide application.
- **Clear display**
Due to the integrated Duo-LED on the ejection lever, power supply and switching status can be checked at a glance.

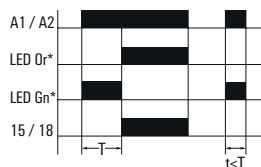




TERMSERIES TIMER

Order No.	2639730000	2639740000	2639560000	2639720000
Type	TRP T 24VDC 1C0 M3	TRP T 24VDC 1C0 M3 EMPTY	TRS T 24VDC 1C0 M3	TRS T 24VDC 1C0 M3 EMPTY
Connection	PUSH IN	PUSH IN	Screw connection	Screw connection
Rated control voltage	24 V DC	24 V DC	24 V DC	24 V DC
Timing functions	On Delay, One Shot, Blinker	On Delay, One Shot, Blinker	On Delay, One Shot, Blinker	On Delay, One Shot, Blinker
Continuous current	6 A	10 A	6 A	10 A
Version	Relay modul	Empty socket	Relay modul	Empty socket
Time range	0.01 s - 0.1 s, 0.1 s - 1 s, 1 s - 10 s, 10 s - 100 s	0.01 s - 0.1 s, 0.1 s - 1 s, 1 s - 10 s, 10 s - 100 s	0.01 s - 0.1 s, 0.1 s - 1 s, 1 s - 10 s, 10 s - 100 s	0.01 s - 0.1 s, 0.1 s - 1 s, 1 s - 10 s, 10 s - 100 s

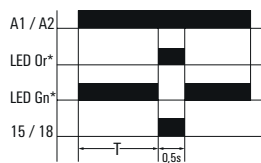
On Delay



On Delay

When the supply voltage A1/A2 is applied, the set time T begins to run. When the time has passed, the output relay 15/18 switches into on-position. This state remains active until the supply voltage is interrupted. If the supply voltage is interrupted before time T has passed, the already run time is deleted and restarted with the next application of supply voltage.

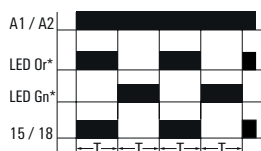
One Shot



One Shot

When the supply voltage A1/A2 is applied, the set time T runs. After the time T has passed, the output relay 15/18 switches into on-position for 0.5 s. After 0.5 s the output relay switches into off-position. The time function is not restarted until the next time the supply voltage is applied.

Blinker



Blinker

When the supply voltage A1/A2 is applied, the output relay 15/18 switches into on-position. After the set pulse time T has passed, the output relay switches into off-position. After the pause time T has passed, the output relay switches into on-position again. The output relay is activated for the set time until the supply voltage is interrupted. (T=pulse time=pause time)

T = Time factor x Time range (final value) | *LED Or = LED Orange | *LED Gn = LED Green

Example: DIP switch adjustment for a on delay of 0.7 s

Function	DIP switch							
Mode = On Delay	1	2	3	4	5	6	7	8
Time range = 0.1...1 s								
Time factor = 0.7	■	■		■		■	■	

■ = ON (DIP switch position)



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