

Klippon® Relay

TERMSERIES-compact impulse extension
Pulse extension using solid-state relays

The TERMSERIES compact impulse extension extends short input signals by 50 ms/150 ms wear-free, using semiconductor technology, enabling controllers with longer cycle times to reliably detect them. In control cabinets with fast sensor pulses, such as camera devices, the SSR timer ensures that no important signals are lost.

From the user's point of view, it functions as a pulse relay, increasing process reliability and enabling the reliable evaluation of pulses that were previously too short. Markers, cross-connections, feed-in and pass-through modules, partition walls and interface adapters are available for flexible integration.



YOUR SPECIAL ADVANTAGES:

- Extends short input signals
- Reliable signal acquisition and processing
- Increases process reliability
- Enables reliable evaluation of pulses that were previously too short
- Compatible with all TERMSERIES accessories





**EXTEND SIGNALS | AVOID SIGNAL LOSS |
INCREASE PROCESS RELIABILITY | RELIABLE EVALUATION**

APPLICATIONS:

A pulse extender ensures that even very short input signals are reliably detected and processed. It extends short input signals, increases process reliability and enables the reliable evaluation of pulses that were previously too short – even in fast, highly automated systems.

The TERMSERIES-compact timing relays detect pulses from $\geq 2,5$ ms, offering a high-performance solution for precise signal processing. Thanks to their international approval in accordance with EN 61812, they can be used worldwide and support a uniform, standards-compliant automation architecture.

TECHNICAL DATA

Type	Control side	Contact type / Version	Load side	Switch-off delay	Clamping range min./max.	Qty	Order No.
TOPL 24VDC OFF 50ms	24 V DC	1 NO contact	5-48 V DC / 0,5 A	50 ms	0,14 - 2,5 mm ²	10	2773700000
TOPL 24VDC OFF 150ms	24 V DC	1 NO contact	5-48 V DC / 0,5 A	150 ms	0,14 - 2,5 mm ²	10	2773690000

RELEVANT INDUSTRIES



Machinery



Wind Energy



Photovoltaics



Traditional power



Power
Transmission
and distribution



Water and
Wastewater
treatment



Oil and Gas



Hydrogen



Railway



Shipbuilding



Building
Infrastructure



Data Center



Cabinet building



Energy Storage



Device
Manufacturer



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