

Klippon® Relay TFI-SERIES

Compact timing relays for building and factory automation

Reliable control of time functions

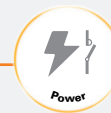
Timing relays fulfil many functions in industrial environments. In automation technology, they are used to compensate for errors caused by high clock rates. Timing relays extend short pulses so that downstream control components can reliably detect them.

Our new timing relay portfolio includes five different devices: Multifunction, stardelta switch, clock generator, on-delay, and off-delay. They cover the most critical applications in building and factory automation.



Your special advantages:

- **Simple configuration via rotary switches**
Timing functions and time ranges are configured utilising rotary switches on the front of the devices.
- **According to the requirements of EN 61812**
The devices comply in design and function with the international standard for timing relays according to EN 61812.
- **With cULus listing for USA and Canada**
All timing relays have a cULus listing for use in the North American market, without any problems.





Reliable
control of time
functions



Installation design



Single- and multifunction



Width 17.5 mm,
1 changeover contact



UL listed, CE conformity marking



Temperature range
-25 up to +55 °C



Recessed potentiometer buttons,
analog indication of LED



Compact industrial design



Star-Delta Start-up



Width 22.5 mm,
2 normally open contact



UL listed, CE conformity marking



Temperature range
-25 up to +60 °C



Recessed potentiometer buttons,
analog indication of LED



Type	Rated control voltage	Contact type	Timing functions	Order No.
TFIS 12-240VUC 1CO CG	12-240 V UC	1 CO	Li, Lp	2697260000
TFIS 12-240VUC 1CO M7C	12-240 V UC	1 CO	Bp, E, Es, R Wa, Ws, Wu	2697250000
TFIS 24-240VUC 1CO OFFC	24-240 V UC	1 CO	R	2697290000
TFIS 24-240VUC 1CO ON	24-240 V UC	1 CO	E	2697280000



Type	Rated control voltage	Contact type	Timing functions	Order No.
TFIS 12-240VUC 2NO SD	12-240 V UC	2 NO	S	2697270000

Bp Clock generator pause first
E On-delay
Es On-delay with control input
Li Clock generator pulse first
Lp Clock generator pause first
R Off-delay with control input

S Star-Delta Start-up
Wa Single shot falling edge with control input
Ws Single shot rising edge with control input
Wu Single shot rising edge supply voltage controlled



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