

Product launch note

TFI-SERIES

Compact timing relays for building and factory automation

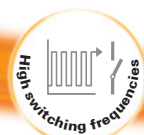
Timing relays fulfil many functions in industrial environments. In automation technology, they are used to compensate for errors caused by high clock rates. Timing relays extend short pulses so that downstream control components can reliably detect them.

Our new timing relay portfolio includes five different devices: Multifunction, star-delta 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.



Visit our website
for more information

Let's connect.

Star-Delta



General Data

Industrial design	
Rated control voltage	12 - 240 V UC
Continuous current	3 A
Connection	screw connection
Contact type	2 normally open
Dimensions (W x H x D)	22.5 x 67 x 75 mm

Functions

S	Star-Delta Start-up
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Status displays

LED green (U/t)	Flashes slowly when star-relay is closed, time t1 runs
LED yellow (R)	Lights permanently when delta-relay is closed

Time ranges

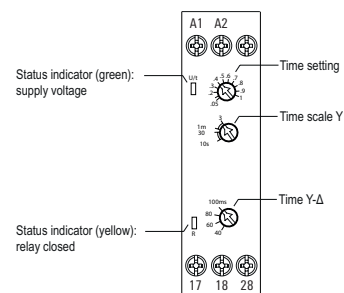
0.5 s - 10 s	
1.5 s - 30 s	
3 s - 60 s	
9 s - 180 s	

Ordering Data

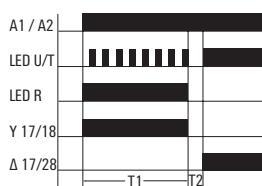
TFIS 12-240VUC 2NO SD

Order No.

2697270000



S star-delta



Star-Delta Start-up (S)

When the supply voltage U is applied, the star-relay switches into on-position and the set star-time t1 begins. After the time t1 has expired the star-relay switches into off-position and the set transit-time t2 begins. After the time t2 has expired the delta-relay switches into on-position. To restart the function the supply voltage must be interrupted and reapplied.



Visit our website
for more information

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Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
32758 Detmold, Germany
T +49 5231 14-0
F +49 5231 14-292083
www.weidmueller.com

Personal support can
be found on our website:
www.weidmueller.com/contact

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