

WEEKLY AND ASTRONOMICAL TIME RELAYS



Weekly time relay. 1 relay output, with NFC technology and APP



Order code	Function	Rated auxiliary supply voltage	Qty per pkg	Wt
		[V]	n°	[kg]
TMRTC	Daily or weekly configuration, 16 configurable program blocks	220...240VAC	1	0.070

General characteristics

- Weekly time relay. 1 NO relay output, programmable with NFC technology and LOVATO **NFC** APP
- RTC clock with backup battery to maintain date and time even in the absence of power (>10 years)
- Zero crossing load switching technology
- Up to 16 possible configurable program blocks. For details, see the technical manual on the website www.LovatoElectric.com
- NFC connectivity for the programming of the parameters with the LOVATO **NFC** App freely downloadable from Google Play Store and App Store
- Automatic acquisition of date and time directly from the smartphone used for configuration
- Automatic daylight saving time management with the possibility to choose between 5 different geographical areas
- Possibility to save the parameter settings on smartphone or tablet to be copied on other TMRTC time relays
- Possibility to protect the settings with a password
- Front pushbutton for selecting the operating mode: automatic, manual, holidays
- QR code for the direct connection to the LOVATO Electric website for the download of the technical manual
- Green LED indicator for power on
- Red LED for signaling the relay output status
- 1 relay output with normally open contact NO, 16A 250VAC
- Modular DIN 43880 housing (1 module), suitable for fixing on 35mm DIN rail or screw fixing
- IEC degree of protection: IP40 on front (only when mounted in housing or electric board with IP40), IP20 on terminals.

Certifications and compliance

Compliant with standards: IEC/EN/BS 61812-1.

Astronomical time relay. 1 relay output, with NFC technology and APP



Order code	Function	Rated auxiliary supply voltage	Qty per pkg	Wt
		[V]	n°	[kg]
TMAST	Automatic calculation of sunrise and sunset times	220...240VAC	1	0.070

General characteristics

- Astronomical time relay. 1 NO relay output, programmable with NFC technology and LOVATO **NFC** APP
- RTC clock with backup battery to maintain date and time even in the absence of power (>10 years)
- Zero crossing load switching technology
- Automatic calculation of sunrise and sunset times
- NFC connectivity for the programming of the parameters with the LOVATO **NFC** App freely downloadable from Google Play Store and App Store
- Automatic acquisition of date and time and geographical coordinates (latitude and longitude) directly from the smartphone used for configuration
- Automatic daylight saving time management with the possibility to choose between 5 different geographical areas
- Possibility to save the parameter settings on smartphone or tablet to be copied on other TMAST time relays
- Possibility to protect the settings with a password
- Front pushbutton for selecting the operating mode: automatic, manual, holidays
- QR code for the direct connection to the LOVATO Electric website for the download of the technical manual
- Green LED indicator for power on
- Red LED for signaling the relay output status
- 1 relay output with normally open contact NO, 16A 250VAC
- Modular DIN 43880 housing (1 module), suitable for fixing on 35mm DIN rail or screw fixing
- IEC degree of protection: IP40 on front (only when mounted in housing or electric board with IP40), IP20 on terminals.

Certifications and compliance

Compliant with standards: IEC/EN/BS 61812-1.



Simple and intuitive programming with the LOVATO **NFC** App:

- Easy programming, thanks to the app's graphical interface that clearly and immediately displays all parameters with complete descriptions
- High precision guaranteed by digital configuration
- Password-protected settings
- Possibility to copy the configuration to other time relays of the same model in just a few seconds.

The LOVATO NFC App can be downloaded from Google Play Store and App Store.

