



LEDI[®] NETWORK TDS GPS – DIN TH35

Robust GPS Time server delivering
NTP monitored in SNMP
Visible Alarm on LEDs front screen and
rapid configuration from the button
panels



Internal Time Base

LEDI[®] NETWORK TDS GPS DIN TH35 is equipped with internal time base allowing accurate timekeeping in case of loss of synchronization.

- **TCXO**
Frequency stability: 2.10^{-8} (0°C to 55°C)
Ageing: $1.5.10^{-9}$ / day

Security

- **Backup of configuration setting** in flash memory
- **Supervision via SNMP V3** or supervision software GT Supervision
- **Remote configuration** via secured web page
- Firmware update via FTP or SCP
- **Compatible IP v4/v6 (compatible DHCP v4/v6), 10/100 Mbps**
- Configuration on Web interface via HTTP(s)
- **SSH command capability**

Specifications

Power supply	18-72 VDC – Screw terminal block
Certifications	CE, EN 62368 (sécurité), EN 55032 (CEM émission), EN 55035 (CEM immunité), ROHS
Maximal Consumption	10 VA
IP	31
MTBF	120 000 h
MTTR	Mother board: 10 min Display board: 5 min Output board: 5 min
Weight	2,3 Kg (standard configuration)
Dimensions	Rail Din 210x73x136 mm (LxHxD)
Display	4 x 20 characters blue LCD screen backlight 3 LED Indicators: power / sync / alarm
Operating Temperature	-20° to 55°C

Key features

- **Plug and Play**
- **1 NTP/SNTP output**
- **Alarm management via SNMP TRAP (V1, V2C and V3)**
- **Less than 5 minutes cold start**
- **Rail Din mounting**



- **LED status information on front panel**
- **Configuration file, to download and upload configuration details easily and securely (SCP)**

Configuration

- Configuration et mise à l'heure à distance via une interface WEB embarquée
- Configuration IP avec les boutons en face avant

Synchronization inputs

- Synchronization:**
- GPS antenna (100 m max cable)
 - RTB GPS antenna (100 m to 10 kms)

Synchronization outputs

- NTP Ethernet 10/100 base T

Storage Conditions

Conditions	Temperature	Hygrometry	maximum cumulated duration
Extreme	-20°C to 0°C	10 to 85% HR	48h
Extreme	40°C to 70°C	10 to 85% HR	48h
Normal	10°C to 40°C	10 to 85% HR	6 months

The product must be lit for 4 hours every 3 months to keep its characteristics *.

* see the user manual for more information

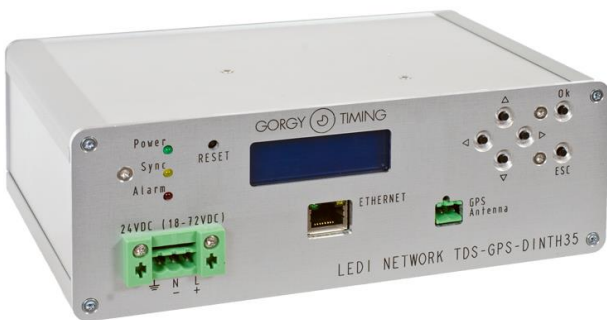
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Version < 100m cable	ITEM CODE
(1)TDS GPS DIN TH35 (3G25)	94063/G
GPS Antenna (converter unit) with 25m cable	3G25-V3
GPS Antenna (converter unit) with 50m cable	3G50-V3
GPS Antenna (converter unit) with 100m cable	3G100-V3

Version > 100m de cable (AFNOR 87500/IRIG B input)	ITEM CODE
(1)TDS GPS DIN TH35 (RTB GPS)	94063/8
Antenne RTB GPS (cable not provided) – Integrated antenna and 230 VAC power	4048/00

TDS GPS DIN TH35 Power	ITEM CODE
RAIL DIN 24VDC Power supply, 1A, 24W	TFR911224R

(1) Antenna and cable to be ordered separately

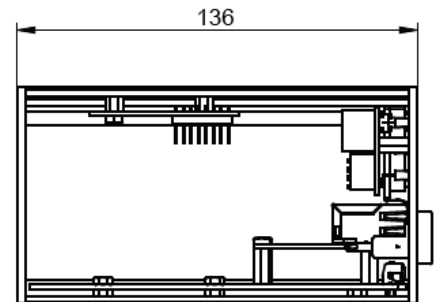
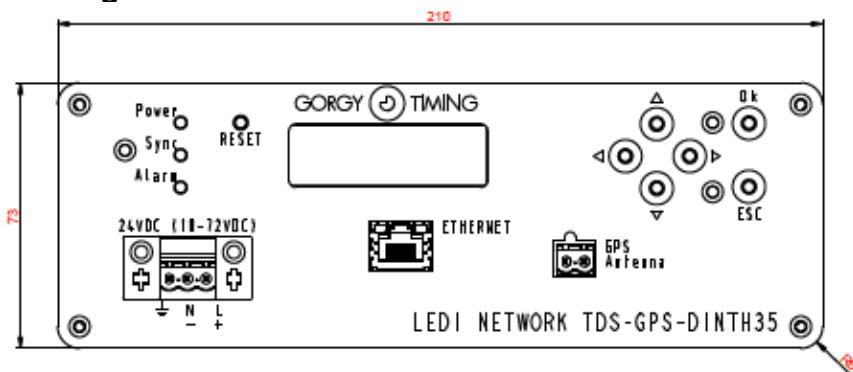


GPS Antenna
(Converter unit)



RTB GPS Antenna

Drawings



NB: Gorgy Timing recommends equipment GPS antenna + cable for the LEDI® NETWORK TDS use.