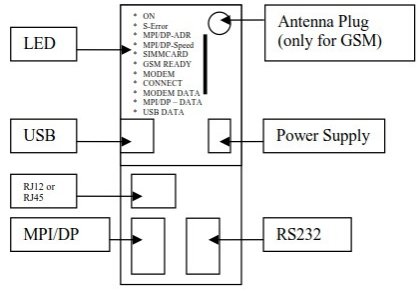
Handling-Shortinstruction
for
Tele-Service Analogue/ISDN/GSM V1.8

Interface-picture:



Connectors:

Analogue-Modem:
Connection to a similar telephone-jack by means of phone-line. Only the two middle contacts of the RJ-12-plug (4/6) are recommended. It is to be placed surely that also the phone-lines (a and b) is presented there. There are no shortings in the plug nor in the socket necessarily.

ISDN:
Connection to a similar phone-jack to an ISDN-phone-line. There should be the four middle pins connected in the RJ-45-plug (3/4/5/6). Be sure that there is the correct pinning used for the phone line (RX+,TX+,TX-,RX-).

GSM:
Connection to an external antenna by an male FME-Plug.

MPI/DP:
This female-plug is occupied concerning the bus and mass like a plc. The Tele-Service can be attached with the delivered Interface-cable cable directly to the PLC or the Profibus. In addition, a Profibus connector can used also.
You can connect to a MPI or Profibus- system with a transfer-rate from 9600 Baud up to 12M Baud.

PC(RS232)-Plug:
The connection to the PC is accomplished by a 9pin null-modem-cable. This plug is completely occupied like a PC with a serial connector. a PC/PG can be directly attached, and with the driver “TS-Adapter“ or “PC-Adapter” the Simatic manager could access the TeleService or PLC.

USB-Plug:
The PC is connected over an USB-Hub with a type-A to type-B USB-cable. Download and install from the named website the TIC, after that the Simatic-Manager could access the PLC with the driver „TIC ETH/USB".

Power-Supply:
The Tele-Service expects an operating voltage of 24V DC with a tolerance of ±20%. The current is up to 200mA. As the Tele-Service in the picture is shown, from top to bottom the pinning of the power-jack is as follows::

+24V DC
0V

PE is connected over the rack !
The allocation is likewise printed on the case.

Controll-LED:
The device possesses 10 status LED´s for additional communication to the user. These 10 LED are used as follows:

LED	Color	Deskription
ON	Green	Power is on
Σ-ERROR	Red	An error has occurred
MPI/DP-ADR	Red	The configured local station-address is already in the bus
MPI/DP-SPEED	Red	The configured Baud rate in the MPI/DP Bus is wrong or transmitter errors
SIMMCARD	Red	PIN-Number of SIM-Card wrong or not configured
GSM READY	Yellow	OFF = no power on modem ON = no authentication on GSM flashing 200ms/2s = correct authentication on GSM flashing 200ms/600ms = communication on line
MOD.CONNECT	Yellow	Modem is connected
MODEM DATA	Yellow	Short flashes when sending/receiving data over the phone line
MPI/DP DATA	Yellow	Short flashes when sending/receiving data on the MPI/DP-Bus
USB DATA	Yellow	Short flashes when sending/receiving data on the USB-Port

Attention: The SIMMCARD-error-LED is automatically ON for GSM-devices, when the simmcard is not plugged or while plugged simmcard the pin-code is not or wrong configured.

First-Configuration:

At first connect the MPI/Profibus and the phone-jack or external Antenna to the Tele-Service. After that connect the power-supply. At boot-time the Tele-Service is checking the hardware.

The configuration of the Tele-Service is done with the Tele-Service-Application from Siemens. For the SMS-Mode you must download and install and use the TIC from the named web-side.

Mechanical Data:
Dimension (WxHxD): 40 x 125 x 115 mm
Case type: ABS,V0

Possible telephone-connection- and communication types:

		TeleService		
		Analogue	ISDN	GSM
PG/PC-Modem	Analogue	YES	NO	YES
	ISDN	YES, if analogue-emulation is provided (f.e. Fritz-Card)	YES	YES, if analogue-emulation is provided (f.e. Fritz-Card)
	GSM (f.e.M20-terminal)	YES	NO	YES

In the version "ohne Profibus" there are baudrates up to 12MBaud (MPI and programming over profibus), but not DP V0 / V1 / V2

DP V0 / V1 / V2 in the version "mit Profibus" is in prepare.

More to the Tele-Service as well as the current equipment manual can you find under

Under the web-address https://www.process-informatik.de are product specific documentations or software-driver/-tools available to download.
If you have questions or suggestions about the product, please don’t hesitate to contact us.

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Menutree Website:

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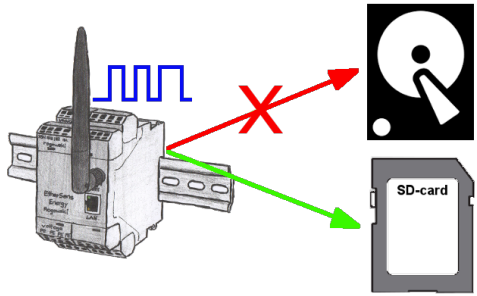
      + S7
        + Analogue-telefone
          + TELEService analogue

QR-Code Website:

Please make sure to update your drivers before using our products.

Standalone recording



With the integrated SD-card-slot you back-up the recorded data in the device and dont need an external memory. Nevertheless you can send additional the data via FTP to a FTP-server.