

TS 300, Teleservicemodule for the PLC Rack



TS300, Teleservicemodule for the PLC-Rack

With the TS 300, teleservice of a system can be performed via the MPI bus.

The TS 300 has a single-width S7-300 housing for mounting on the sectional rail. An analog 56k modem prepared for use in more than 80 countries is integrated into the housing of the TS 300. TAE and RJ11 cables are included in the scope of supply. As alternatives, versions with ISDN or GSM functionality are also available.

The TS 300 can establish an MPI link with the CPU via the backplane bus. The power supply is also drawn from the backplane bus. Therefore, for installation of a teleservice solution, only the phone line is required. The TS 300 does not need to be configured in the hardware configuration of the PLC and can therefore be retrofitted at any time.

Alternately, the TS 300 can be powered from an external 24 V source. The MPI connection can also be established externally via a 9-way sub D jack.

Ordering Data	
	Order-No.
TS 300 with modem analog ¹⁾ (incl. 3 m USB cable; 2x telephone cable, RJ11+TAE, each 3m)	700-753-8MD21
TS 300 with modem ISDN ¹⁾ (incl. 3 m USB cable; RJ11 telephone cable, 3m)	700-753-8IS21
TS 300 with modem GSM ¹⁾ (incl. 3 m USB cable)	700-753-8GS21
MPI-connecting cable, 0.5 m	700-753-6VK11
Mountingrack Adapter for DIN-Rail (optional)	700-390-6BA00

1) Export restriction for: AF, AO, IQ, IR, KP, LB, LY, MZ, RW, SD, SY State: 08-2006

Features

- TS adapter in the S7 rack for Teleservice
- Communication via the backplane bus or externally
- List of countries with more than 90 destination countries (analog)
- Analog, ISDN, GSM (available soon)
- USB interface for parameterization or in-situ use
- Password
- Re-Call function
- Online update function
- Alert functions and switch outputs usable via back plane bus (soon available; analog/ISDN)
- Mode change via Teleservice (available soon)

An additional USB connection is used to parameterize the TS 300, for in-situ use as a PC adapter, or for direct use of the internal modem.

The TS 300 can also be provided with a new operating system via a remote link. That enables functional expansion of a TS 300 already installed in the system. The update Software SHTools is included.

GSM antenna extension cable see page 54.

Technical Data	
TS 300	
Dimensions (LxWxH mm)	116 x 40 x 124
Weight	approx. 270g
Supply voltage	+24 V ±25 % extern or 5 V via backplanebus
Current consumption	typ. approx. 500 mA via backplanebus ca. 130 mA external (analog/ISDN) ca. 170 mA external (GSM)
MPI interface	
Type	RS485
Transmission rate	19.2 or 187.5 Kbit/s
Connection	SUB-D, 9-way or backplanebus
Communication interface	
Type	USB 1.1, 2-wire dial-up (analog), ISDN So
Protocols	PC <-> S7 via modem or local
Connection	USB-A jack and RJ11