FP analogue modem

General

The FP modem enables communication and data exchange between a local computer and a remote ISYGLT system via the analogue telephone network. ProgrammDesigner allows you to carry out diagnostic functions on the remote ISYGLT system and import new switching times or programs. Remote enquiries about active switching times and inputs or outputs are simple. User errors affecting the system are also detected quickly. A special feature of the FP modem is its secure data transfer. It enables remote initialisation and can therefore be directly connected to the ISYGLT system. Diagnosis and program modifications can be undertaken quickly without having to wait for service staff. Fast response times to customer requests and the fact that there are no travel expenses to the customer mean that an FP modem offers you a decisive competitive advantage. A combination of master and FP modem is particularly recommended for widespread systems. Once the FP modem is connected, all you have to do is move the switch from “SUBD/terminals” to “terminals” on the master.

Inputs / Outputs

- none

Functions displays

- 1 red LED indicates the online mode
- 1 flasing red LED indicates the stand-by status
- 1 red LED indicates the existing operation current
- 1 red LED signalise the parameter mode

Connections

- 1 connection for the subnet (BUS A and B, RS485)
- 1 connection for the operating voltage (Ub, 0V)
- 2 P-COM connections (subnet and operating voltage)
- 1 connection RS232 to terminals
- 1 RJ12 telecommunication connection bush

Design

- Light grey plastic casing, can be snapped onto 35 mm DIN rail mounting 6 separating units

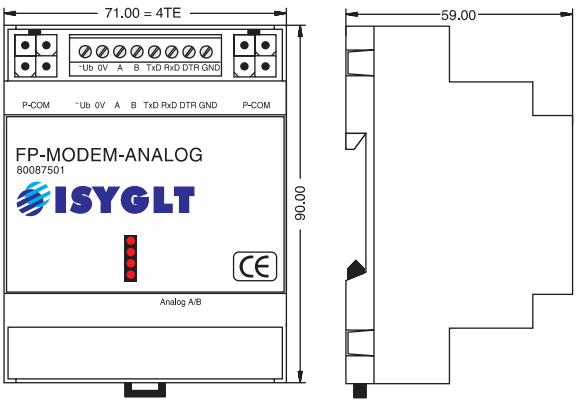
Technical data

Type	FP modem analogue
Art. Nr.	80087501
Operating voltage	12V to 35V DC or 12V to 27V AC
Current consumption	max. 160mA
Dimensions	BxHxT 70x90x60mm
Weight	180g
Connections	Screw terminals pluggable 2,5mm², RJ12 for phone line
Operating temperature	-10...+50°C
Storage temperature	-25...+70°C
Humidity	0 ...85 % r.F. non condensing
Protection grade	IP30
Baudrate	14400 Bit/s
ESD immunity	Category 3 according to IEC-1000-4-2 (4 kV static)
EMV immunity	Use in typical industrial enviroment. Category 3 according to IEC-1000-4-4 (Test was carrie out within a whole system)
CE sign	yes

Terminal assignment

≅ Ub	Operating voltage
0V	Operating voltage
A	Subnet (BUS A, RS-485)
B	Subnet (BUS B, RS-485)
TxD	V24 interface
RxD	V24 interface
DTR	V24 interface
GND	0V Operating voltage

View



Wiring diagram