

The MultiModemII corporate modem MT5600 provides V.90 / 56K data and fax communications, V.34 enhanced leased line operations, a robust smart feature set, and an industrial chassis for rock-solid reliability, making it the ideal choice for the corporate modem market. This modem is therefore ideally suited for application in control systems and substations in the power transmission and distribution environment.



MT5600

MT5634

MT2834

Features

- Synchronous and asynchronous support
- Dial-up and 2-wire leased line support
- 4-wire leased line support and dial backup on some models
- Remote configuration for centralised set-up and management
- Phone number storage for automatic or DTR dialling
- Flash memory for easy updates
- Data communications, fax, and other value-added software
- Auxiliary voltage supply via power supply module 230 V AC

33.6K Model MT2834 desk top unit

- V.34 / 33.6K
- Expanded Class 2 faxing at 14.4K
- Synchronous and asynchronous support External sync clock support
- Pass through, fixed and variable call-back security
- Dial-up and 2-wire leased line support
- 4-wire leased line support and dial backup on some models
- Multi-Tech AT command set
- AS/400® settings, UUCP spoofing and 11-bit application support

56K Model MT5600 desk top unit

- V.90 / 56K bps
- Class 1 and Class 2 faxing at 14.4K
- Call-back security for predefined numbers
- LCD panel for easy configuration and diagnostics

56K Model MT5634 (PCMCIA) for Notebooks

- PCMCIA Standard V.90 / K56flex™
- Class 1 and Class 2 faxing at 14.4K
- Global model for world wide use
- Plug and Play operation under Windows® 95 and Windows 98 for easy installation

Applications

Remote control of the protection or bay units (Bay RTU's) via modem can be accomplished via modem with a star (radial) configuration (Figure 1) or via a RS485-bus configuration (Figure 2). To ensure lightning protection, the substation modem and the protection devices must be galvanically separated. An optical isolation barrier is therefor applied. The modem with an RS232-FO converter is preferably placed in the communications (carrier) or control room, while the star-coupler or RS485-FO converter is located in the first protection compartment.

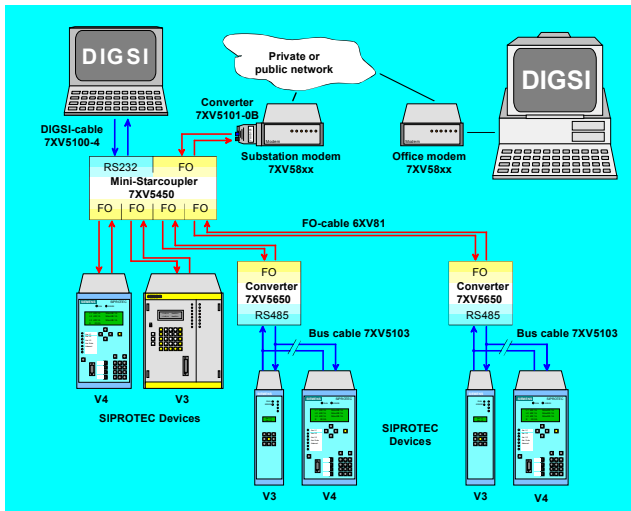


Fig. 1: Optical Starstructure

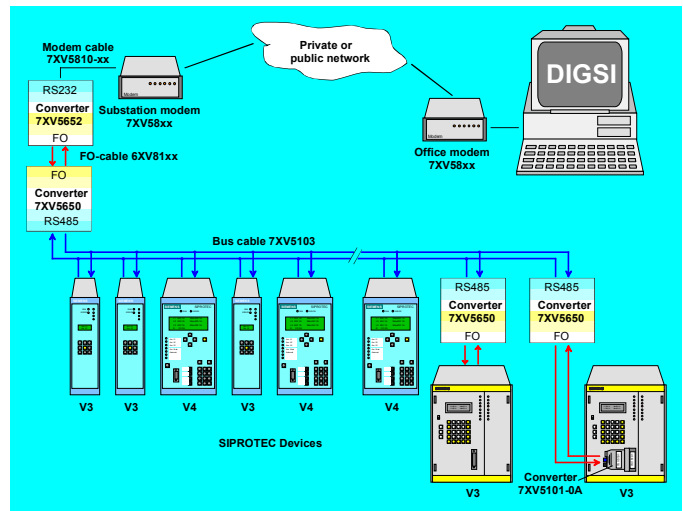


Fig. 2: RS485-Busstructure

Selection and Ordering Data

Product Name	Order No.:
Corporate-Modem	7 X V 5 8 0 0 - [] [] 0 0
Desk top unit in metal with power supply module 230 V AC	2 3 A B
MT 2834	
V.34 / 33,6k with 10/11 Bit (8E1) Call-back security	
MT 5600	A B
V.90 / 56k with 10 Bit (8N1) Call-back security	
Region	
TYP DE Germany	A B
TYP INTL Europe / Rest of World	
Operating modes	
TYP BA Dial-up and 2-wire leased line support	A B
TYP BL Dial-up and 2/4-wire leased line support and dial backup	
Modem for Notebooks	7 X V 5 8 0 0 - 7 A A 0 0
MT 5634 ZLXI	
PCMCIA Type II MultiMobile modem V.90 / 56k with 10 Bit (8N1) For world wide use	

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