

BRODERSEN

simplifying process



3010 Telephone Modems



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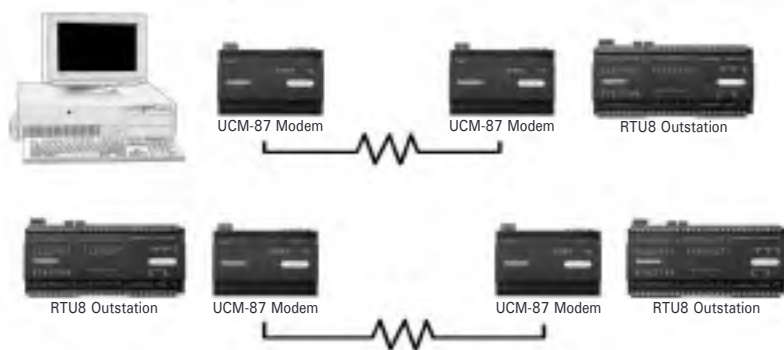
Series 3010 Telephone Modems is a range of general purpose telephone modems, developed by Brodersen, to offer data communication through the Public Switched Telephone Network (PSTN) or via a two wire dedicated line.

The modems provide similar functionality to standard telephone modems but are developed especially for use in industrial environments. The isolated power supply and line interface guarantee trouble free operation.

Brodersen Series 3010 Modems:

Dial up modem with a line speed of up to 14.400 bps (V.32 bis) or up to 33.600 bps (V.34 bis).

A leased line modem for direct line communication at distances up to 15km and data rates up to 14.400 bps. (V.32 bis)



Compatibility

Both types of modems are fully Hayes compatible and are configured using standard AT commands.

An RS-232/V.24 port interfaces the modem to its host equipment, be it a Brodersen RTU, a PC, a PLC or any other controller having an RS232/V.24 connection.

Universal Power Supply

Series 3010 has an isolated power supply, which accepts any voltage from 10.5VDC to 60VDC. This wide range is very useful in industrial applications using 12VDC or 24VDC, and very important in battery powered applications, or when standby batteries are used, where the battery voltage can drop below 12V.

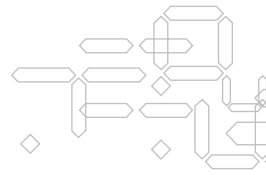
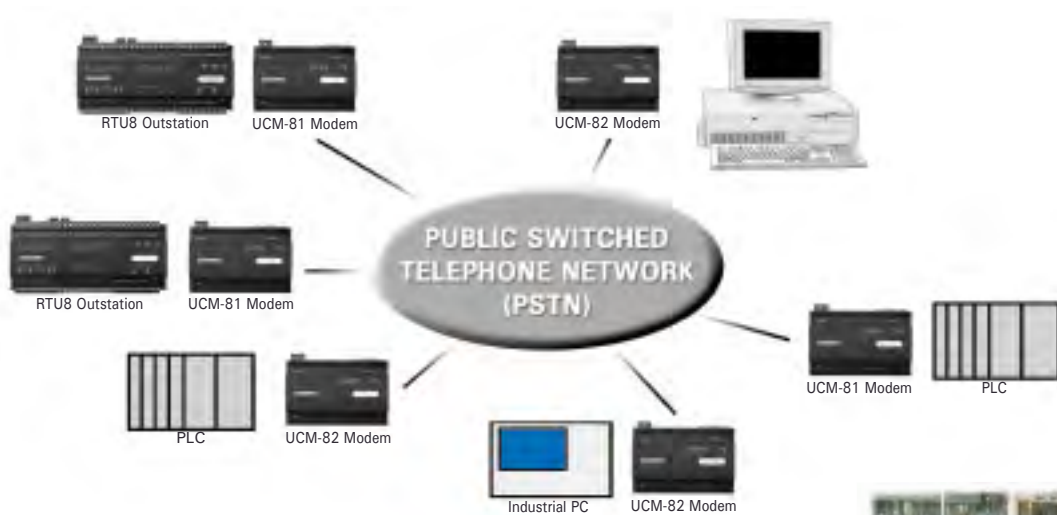
Features:

- Easy to install
- Plug 'n' Play
- No DIL switches
- Hayes compatible
- Industrial DIN-Rail housing
- 12-48V DC Power supply (Isolated)
- Isolated line interface

Type No.	Function	Line Baudrate
UCM-81.924	Dial-Up Modem V.32 bis	300 - 14.400 bps
UCM-82.924	Dial-Up Modem V.34 bis	300 - 33.600 bps
UCM-87.924/O	Leased Line Modem (Send)	300 - 14.400 bps
UCM-87.924/A	Leased Line Modem (Receive)	300 - 14.400 bps

Applications

Our industrial modems are used in many types of remote installations, especially in water, gas, electricity, traffic etc. They are used for applications such as service, maintenance, environmental monitoring, data logging and alarm handling.



The 3010 Telephone Modems are part of a range of Communication Modules from BRODERSEN, comprising Telephone Modems, Radio Modems and GSM Modems. These are all standard modems which will work with a wide range of controllers, including PLCs and PCs.

All these modems are a part of the BRODERSEN Series 4000 Remote Outstations and Data Loggers, offering solutions for acquisition and communication of remote process data.



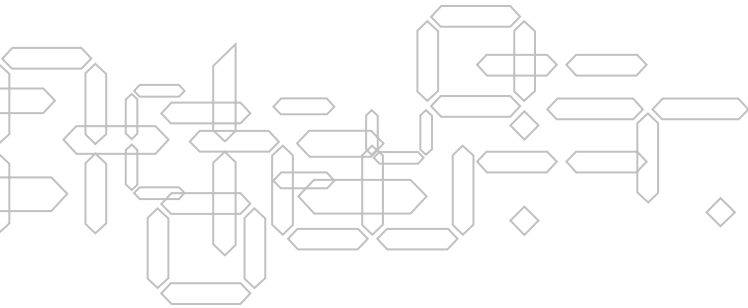
Telephone Modem fitted on DIN rail next to Brodersen compact outstation RTU8

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The **BRODERSEN** group has for more than 30 years supplied industrial process components including remote outstations, data loggers and communication modules for the process and automation industry.



Denmark:

Brodersen Controls A/S

Betonvej 10

DK-4000 Roskilde

Tel.: +45 46 74 00 00

Fax: +45 46 75 73 36

bc@brodersencontrols.com

www.brodersencontrols.com

Germany:

Brodersen Automation GmbH

Düsseldorfer Str. 138

D-45481 Mülheim a. d. Ruhr

Tel.: +49 (208) 46954-0

Fax: +49 (208) 46954-50

ba@brodersen.de

www.brodersen.de

United Kingdom:

Brodersen Control Systems Ltd.

Canbury Business Park, Unit 11

Elm Crescent, Kingston Upon Thames

Surrey KT2 6HJ

Tel.: +44 (0) 20 8546 4283

Fax: +44 (0) 20 8547 3628

bcs@brodersen.co.uk

www.brodersen.co.uk