

Datel Services Control 200A

This system is designed to control lines and modems at computer centres which use the Datel 200 Service.



The Post Office provides Control Systems to meet the needs of customers using its range of Datel services. This leaflet describes Control 200A which has been designed to control lines and modems using the Datel 200 service.

Facilities

The system can be provided for either private circuit or Public Switched Telephone Network (PSTN) applications. Each cabinet contains control units, modems and necessary common equipment such as telephone and power units.

The system has been designed on a modular basis so that control units, modems and circuits can be provided as the user's requirements increase. The only limiting factor is the capacity of each cabinet; *ten* modems/circuits/control units when private circuits only are used and *twelve* modems/circuits/control units when service is provided entirely on the PSTN. The system is provided with a separately terminated exchange line for the remote testing of modems. In the case of systems operating over private circuits, the exchange line can also be used for standby over the PSTN. Speech facilities can also be provided over the private circuits and visual/audible indicators draw attention to the status of the circuit and/or modem.

Physical Description:

Height	1912 mm (with plinth 1988 mm) (75½"/78½")
Width	597 mm (23½")
Depth	597 mm (23½")
Maximum weight	227 kg (500 lb)
Distribution Loading	6 kPa (125 lb/sq ft)

A clear area of 840 mm (33") is required both in front of and behind the cabinet.

Power supplies. 200-250 V AC 50 Hz 13 amp mains socket outlet. The supply must be exclusive to the data equipment and not form part of the office ring main circuit. A fully equipped rack operating over the PSTN requires 320 W.

Expansion and Flexibility

For larger systems in excess of the capacity of one cabinet, Control 200A can be provided in multiple units and close butted to form a suite. Simple plugs give full line-to-modem flexibility on private circuit applications. On PSTN applications the user is able to "busy" the exchange line. This facility is useful in such circumstances as the modem being taken out of service or the computer port being out of action.

Testing and Fault Diagnostics

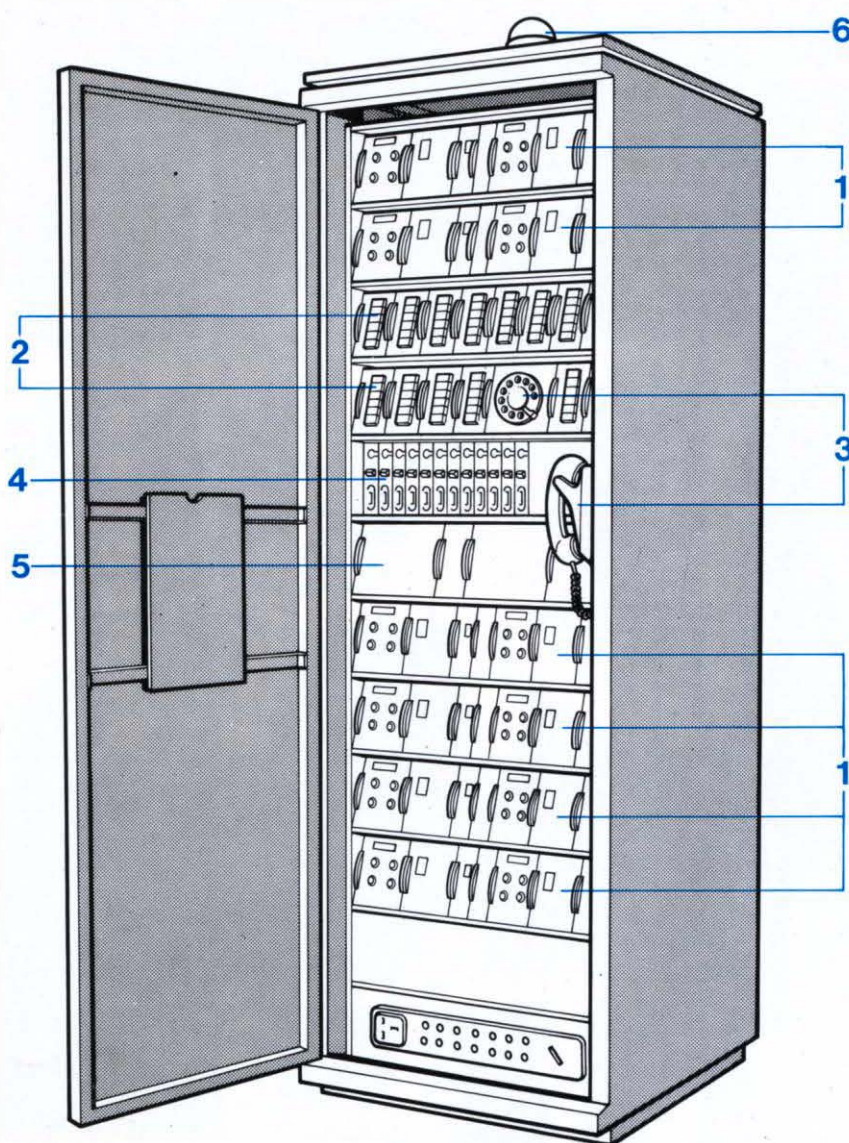
Test access to the system is simplified since all the component parts are situated in one cabinet. The modem interface plugs and sockets are placed at the front of the cabinet and are easily accessed.

The Cabinet

The equipment is housed in an attractive grey steel cabinet with a stainless steel door. A plinth can be provided if the rack is fitted to a solid floor. A lamp is fitted to the top of the rack, working in conjunction with the control unit. A schedule, with details of the circuits, modems, fault reporting numbers, etc, is fitted inside the door.

The drawing illustrates a system equipped for PSTN applications. The layout is similar for systems operating over private circuits:

- 1 Datel 200 Modems
- 2 Control units
- 3 Telephone Unit with associated dial unit and handset
- 4 Interface plugs and sockets
- 5 Power Unit
- 6 Alarm Lamp



Enquiries

For more information, ring or write to the special services section of your local Telephone Sales Office. The address and telephone number are shown in the preface of your telephone directory.

Notice to Customers

We do our best to supply our customers with the apparatus they ask for but from time to time we may have to provide apparatus which does not accord exactly with the descriptions and illustrations in this leaflet.