RC 800-20 Terminal Concentrator

- **CHARACTER DIVISION MULTIPLEXER**
- **4 ASYNCHRONOUS TERMINAL LINES**
- **ASYNCHRONOUS COMMUNICATIONS LINE**
- **DIFFERENT SPEED SELECTIONS**
- **INTERFACE ACC. TO CCITT RECOM.**

GENERAL

The RC800-20 terminal concentrator provides the facility of concentrating 4 asynchronous lines into one single asynchronous line. Thereby up to 3 terminals and 1 serial printer are interfaced simultaneously to an asynchronous multiplexerport of the supporting equipment. The terminal concentror is used with RC8000 and RC3600 systems. The concentrator offers improved communications facilities and allows for a better utilization of the communications line.

CHARACTERISTICS

The RC800-20 principally collects asynchronous data and status information from its connected terminals, as well as status information from the printer, merges these on a character division base and forwards them. Upon receiving information the character division issue allows a split-up, directing data to the proper destination. The concentrator facilitates error check and contains a print buffer. Communications speed is preselected within the range 300-9600 bps.

The RC800-20 is a self-contained unit leading to an RC3682 asynch. multiplexer. Terminals connected are typically belonging to the RC800 series of display/keyboards and the serial printer an RC860 terminal printer - a set up of well approved, reliable RC units.

SPECIFICATIONS

	HOST	TERMINALS	PRINTER
Number of connections towards	1	3	1
Connection mode	asynchronous full duplex		asynchronous directly to printer plug
Connection interface	CCITT recom. V.24 or RS 232 C		
Speed	300-9600 bps		

Power requirements: 115 or 220 V AC ± 5%, 50/60 Hz ± 5%
Temperature, ambient: 0-32°C (32-90°F)
Humidity, relative: max. 90%, non condensing
Mounting: desk top (vertical or horizontal)

DIMENSIONS

Height: 8 cm (3.15 in.)
Width: 32 cm (12.6 in.)
Depth: 22 cm (8.7 in.)
Weight: 3 kg (7 lb.)