



# RC 800/20 Terminal Concentrator

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



## GENERAL

The RC 800 model 20 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, i.e. an RC 3600 either applied as a stand-alone system, or attached to an RC NET structure or directly to a remote RC 8000, or RC 4000. This means saving modems, reducing running costs and improving interface facilities.

## CHARACTERISTICS

The RC 800/20 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. Communication speed is preselected within the range 300-9600 bps.

The RC 800/20 is a self-contained unit leading to an RC 3682 Asynch. Multiplexer. Terminals connected are typically RC 822 Display/Keyboards and the serial printer an RC 866 Matrix 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 232C		
Speed	300 - 9600 bps		

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

## DIMENSIONS

Height: 8 cm  
Width: 32 cm  
Depth: 22 cm  
Weight: 3 kg

RCSL 42-i 0869

This datasheet is of a summary nature and specifications are subject to change without prior notice.