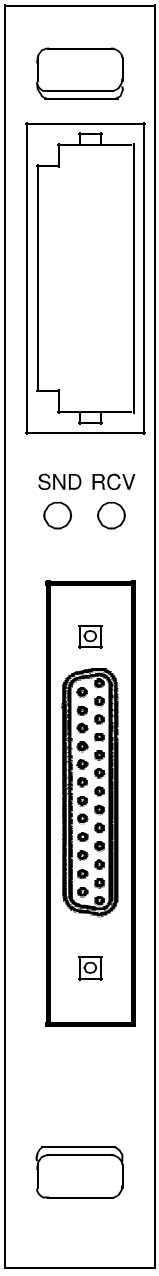
8.2.9 Communications Modules

CP 523 Serial I/O Module, Reaction-Free (6ES5 523-3UA11)



Technical Specifications		
Galvanic isolation		TTY signals are floating
Memory submodule		EPROM/EEPROM
Serial interface		V.24 (RS-232-C)/TTY passive
Transmission mode		asynchronous 7-bit mode=char. frame of 11 bits (1 start bit, 7 data bits, 1 parity bit, 2 stop bits) 8-bit mode=char. frame of 11 bits (1 start bit, 8 data bits, 1 parity bit, 1 stop bit)
Transmission rate		110 to 9600 baud
Permissible cable length		
- TTY		voltage drop receiver typ. 1.5 V sender typ. 0.9 V at 20 mA
- RS-232-C (V.24)		15 m/49 ft.
Battery backup Lithium AA		3.6 V / 850 mAh
Battery backup time		at least 1 year
Degree of protection		IP 20
Permissible ambient temperature		
- vertical		0 to 60°C
- horizontal		0 to 40°C
Relative humidity		15% to 95%
Current consumption from +9 V (CPU)	typ.	130 mA
Power losses of the module	typ.	1.2 W
Weight	approx.	300 g (0.7 lb.)
LEDs		
2 green LED	RCV	CP 523 receiving data
	SEN	CP 523 sending data