

5.11.7 Technical Specifications of the Interface Submodules

Important for the USA and Canada

The following approvals have been obtained:

- UL Listing Mark
Underwriters Laboratories (UL) to Standard UL 508, Report E 85972
- CSA Certification Mark
Canadian Standard Association (CSA) to Standard C 22.2 No. 142, Report LR 63533

Degree of protection	IP 00	
Ambient temperature in operation for transportation and storage	0 to +55 °C – 40 to +70 °C	
Relative humidity	95% max. at 25 °C, no condensation	
Supply voltage	5V ± 5% 24V + 25%/– 17%	
Transmission rate PG submodule V.24 submodule TTY submodule RS422-A/485 submodule SINEC L1 submodule	9 600 bps fixed 19 200 bps max. 9600 bps max. 19 200 bps max. (when submodule is used in a CPU) 9600 bps fixed	
Front connector, female PG, RS422 A/485, SINEC L1 submodule V.24, TTY submodule	15-pin Cannon 25-pin Cannon	
Transmission cable	Shielded four-wire line (five-wire line for RS422 A) with braided shield and metal housing on connector, grounding required at both ends.	
Line length PG submodule V.24 submodule TTY submodule RS422 A/485 submodule SINEC L1 submodule	1000 m max. 16 m max. 1000 m max. 1200 m max. 1000 m max.	
Current consumption at 5 V/24 V PG submodule V.24 submodule TTY submodule RS422 A/485 submodule SINEC L1 submodule	5 V	24 V
	40 mA max.	380 µA
	0.2 A max.	–
	0.1 A max.	60 mA
	0.5 A max. 170 mA max.	– 100 mA
Design Dimensions (WxHxD)	16.3 mm x 60 mm x 102.7 mm	
Weight per interface submodule	Approx. 0.1 kg	