

Current and Voltage Controls Serial Communication Line Adapter Type SIU-PC85



- Serial communication line adapter
- RS 232 - RS 422/RS 485 conversion
- RS 422/RS 485 - RS 232 conversion
- Degree of protection: IP 20
- 2 kV insulation between input/output
- Communication status LED
- Full overvoltage protection
- Wrong-line-connection protection

Product Description

SIU-PC85 is an adapter for the conversion of signals originating from the serial communication port (RS 232) of a personal computer to signals that are compatible with devices/instruments equipped with an RS 422/RS 485 communication port. This adapter can also be used to convert an RS 422/RS 485 signal to an RS 232 signal.

es/instruments equipped with an RS 422/RS 485 communication port. This adapter can also be used to convert an RS 422/RS 485 signal to an RS 232 signal.

Ordering Key

SIU-PC85 D

Model _____
Power supply _____

Type Selection

Power supply ¹⁾ On request

- A:** 24 VAC, -15% +10%, 50/60 Hz ¹⁾
- B:** 48 VAC, -15% +10%, 50/60 Hz ¹⁾
- C:** 115 VAC, -15% +10%, 50/60 Hz ¹⁾
- D:** 230 VAC, -15% +10%, 50/60 Hz (standard)

Supply Specifications

AC supply	230 VAC, -15% +10%, 50 /60 Hz (standard) 24 VAC, 48 VAC, 115 VAC, -15% +10%, 50/60 Hz (on request)
Power consumption	8 VA

Input/Output Specifications

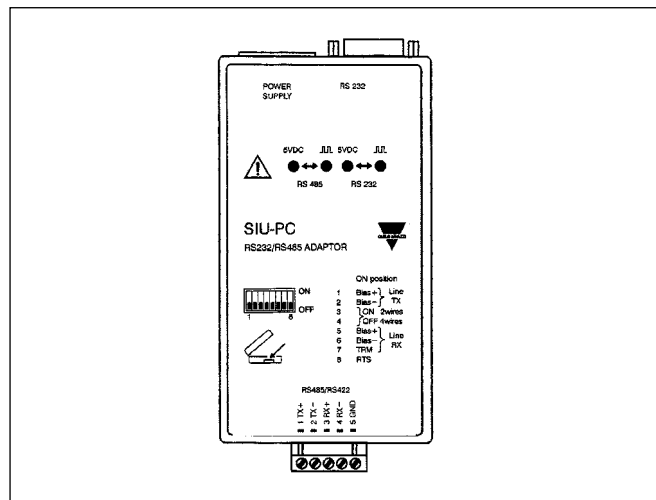
EIA RS 232 Indication Power-on: Data-stream: Type Connector Cable set	LED, green LED, red INPUT/OUTPUT 9-pole female l = 1.8 m, one-side 9-pole male connector, other side 9-pole female connector provided with additional 9 to 25-pole adapter connector. Power supply cable: l = 2 m	EIA RS 485/RS 422 (cont.) Line termination RTS Baud rate Insulation Protection Overvoltage Connections	On RX+, DIP-switch selectable Request to send enabling, DIP-switch selectable Max. 19200 Baud By means of optocouplers: 2 kV between input and output 4 kV between input/output and power supply On all input/output lines All inputs/outputs protected against wrong line connections
EIA RS 485/RS 422 Indication Power-on: Data-stream: Type: Connector: Working mode: Line Bias:	LED, green LED, red OUTPUT/INPUT 5-pole screw terminal block, detachable 2 or 4 wires communication, DIP-switch selectable TX+, TX-, RX+, RX-, DIP-switch selectable		



General Specifications

Operating temperature	0 to 50°C (32 to 122°F) (R.H. < 90% non-condensing)
Storage temperature	-10 to 60°C (14 to 140°F) (R.H. < 90% non-condensing)
Insulation reference voltage	300 V _{rms} to ground
Dielectric strength	4000 V _{rms} for 1 minute
EMC	EN 50 081-1, EN 50 082-1
Safety standards	IEC 61010-1, EN 61010-1, VDE 0411
Housing	
Dimensions	165 x 80 x 33 mm
Material	ABS, self-extinguishing: UL 94 V-0
Degree of protection	IP 20
Weight	250 g approx. (packing included)

Front Panel



Wiring Diagrams

