

Energy Management Accessories Type SIU-PC2

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- Serial communication line adapter
- RS232 to RS422 conversion with RTS/CTS support
- RS232 to 2/4-wire RS485 conversion
- Plug-in screw terminal block for easy RS422/485 wiring
- Degree of protection IP 30
- 2kV isolation between input/output (option I only)
- Power supply and communication status LED's
- Wrong-line-connection protection
- Cigarette pack size
- Wall and DIN-rail mounting

Product Description

SIU PC2 is an RS-232 to RS-422/485 converter designed for users who need an industrial grade interface conversion product to extend RS-232 transmission distance and increase networking capability. Its superior industrial application design, which includes DIN-Rail mounting, terminal block wiring, external terminal block power, and optical isolation for system protection (option "I" only), makes SIUPC2 suitable for use in critical industrial environments.

How to order

SIU PC2 I

Model _____
Isolation _____

Type Selection

Isolation

none: not isolated
I: 2kV isolation between input/output

Supply specification

DC supply	12 to 30VDC (screw terminal block)
Power-on indication	LED, red
Power consumption	3.4W 4.68W (I option)
AC/DC power supply adapter	Not included

Input/Output specifications

RS232 Data-stream indication Type Connector	LED, green INPUT/OUTPUT 9-pole female	Nodes and max distance 1 unit load 1/5 unit load 1/8 unit load	up to 32 (1000m) up to 160 (1000m) up to 247 (1000m)
RS485/RS422 Data-stream indication Type Connector Working mode Line bias Line termination	LED, yellow INPUT/OUTPUT Detachable screw terminal block 4-wire RS422 (with RTS, CTS), 2-wire RS485, 4-wire RS485, DIP-switch selectable Not available on RS232 and RS485, DIP-switch selectable	Isolation Protection Reverse protection Over current protection Surge protection	2kV between power/input/output (option I only) V+ and V- reverse protection Protection for 2 signals shorted together 15kV ESD for serial signals



General specification

Operating temperature	-20°C to +60°C (-4°F to 140°F), 5 to 95% RH (non-condensing)	Protection degree	IP30
Storage temperature	-20°C to +85°C (-4°F to 185°F), 95% RH (non-condensing)	Weight	148 +/-5 g
EMC	EN61000-6-1 EN61000-6-3 FCC part 15 subpart B	Standard accessories	DIN-rail mounting kit
Standard compliance	EN60950, UL60950		
Safety Approvals	CE, FCC (class B)		
Housing Dimensions (WxHxD)	90 x 100 x 22 mm		
Material	Alluminium		

Dimension

