Energy Management Accessories Type SIU-PC2





- 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 applica-

tion 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	LED, yellow INPUT/OUTPUT	Isolation	2kV between power/input/output (option I only)
Connector Working mode	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	Protection Reverse protection	V+ and V- reverse protection
Line bias Line termination		Over current protection Surge protection	Protection for 2 signals shorted together 15kV ESD for serial signals
	Dir -switch sciectable		

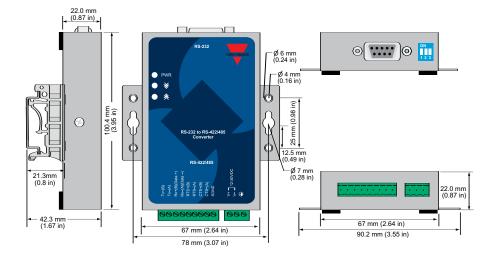


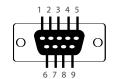
General specification

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Operating temperature	-20°C to +60°C (-4°F to 140°F), 5 to 95% RH (noncondensing)	Protecti Weight
Storage temperature	-20°C to +85°C (-4°F to 185°F), 95% RH (non-condensing)	Standard
EMC	EN61000-6-1 EN61000-6-3 FCC part 15 subpart B	
Standard compliance	EN/2050 111/2050	
Safety Approvals	EN60950, UL60950 CE, FCC (class B)	
Housing	, (
Dimensions (WxHxD) Material	90 x 100 x 22 mm Alluminium	

Protection degree	IP30
Weight	148 +/-5 g
Standard accessories	DIN-rail mounting kit

Dimension





PIN	RS-232
1	DCD
2	RxD
3	TxD
4	DTR

PIN	RS-232
5	GND
6	DSR
7	RTS
8	CTS