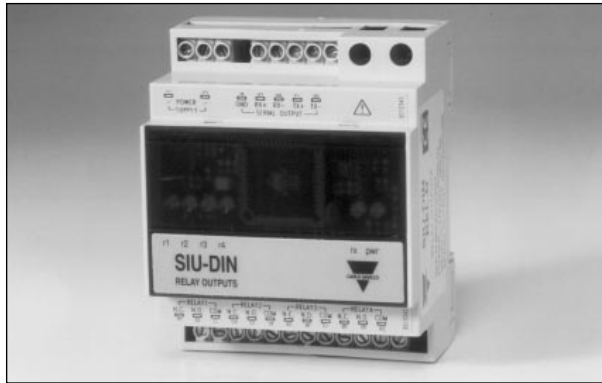


# Panel Meters and Controllers Serial Communication Module with Relay Outputs Type SIU-DIN RLY

CARLO GAVAZZI



- RS485/RS422 input
- 4-relay outputs driven by a proper software through the serial communication linking system
- For DIN-rail mounting
- Degree of protection: IP 40

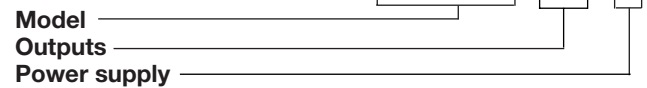
## Product Description

SIU-DIN RLY is a module with RS422/RS485 serial port and 4 relay outputs with DIN rail mounting facilities. The module can be connected to a personal computer by means of a SIU-PC (RS232/RS485 line adapter) where the 4 relay outputs can be driven by a

specific software (eg. WATT-SOFT 3). The 4 outputs can be used to drive, for instance, up to 4 contactors for the power supply of some specific loads (eg. load priority management or other usage depending on the software running into the PC).

## Ordering Key

**SIU-DIN RLY D**



## Type Selection

### Power supply

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

<sup>1)</sup> On request

### Outputs

**RLY:** 4 relays

## Input/Output Specifications

<b>Indication</b>	
Power-on	LED, red
Communication status	LED, red
Output status	4 LEDs, red
<b>Input</b>	
Signals	EIA RS 485, EIA RS 422
Working mode	2 or 4 wires communication, DIP-switch selectable
Line termination	DIP-switch selectable
<b>Output</b>	
Number	4
Type	Relay
Contact	SPDT, 5 A / 250 V 100.000 cycles
<b>Response time</b>	≤ 30 ms (from the end of the command)
<b>Baud rate</b>	1200, 2400, 4800, 9600 Baud DIP-switch selectable
<b>Address</b>	Up to 255, DIP-switch selectable
<b>Communication</b>	MOD-BUS or CGI (9,6 Kbaud) DIP-switch selectable

## Input/Output Specifications (cont.)

<b>Data Format</b>	1 start-bit, 8 data-bit, 1 stop-bit (no-parity)
<b>Insulation</b>	Insulated between input and output, 4 kV between input/output and power supply

## Supply Specifications

<b>AC supply</b>	230 VAC, -15% +10%, 50 /60 Hz (standard) 24 VAC, 48 VAC, 115 VAC, -15% +10%, 50/60 Hz (on request)
<b>Power consumption</b>	6,5 VA

## General Specifications

<b>Operating temperature</b>	0 to 50°C (32 to 122°F) (R.H. < 90% non-condensing)	<b>Connector</b>	Screw-type
<b>Storage temperature</b>	-10 to 60°C (14 to 140°F) (R.H. < 90% non-condensing)	<b>Housing</b>	
<b>Insulation reference voltage</b>	300 V <sub>rms</sub> to ground	Dimensions	4 DIN modules 89 x 71,5 x 58,5 mm
<b>Dielectric strength</b>	4000 V <sub>rms</sub> for 1 minute	Material	ABS, self-extinguishing: UL 94 V-0
<b>EMC</b>	EN 50 081-1, EN 50 082-1	<b>Degree of protection</b>	IP 40 (Screw terminal block area excluded)
<b>Safety standards</b>	IEC 61010-1, EN 61010-1, VDE 0411	<b>Weight</b>	250 g approx. (packing included)

## Dimensions

