

APPLICATION

To monitor 8 pulsed signals and re-transmit data via RS485 communication.

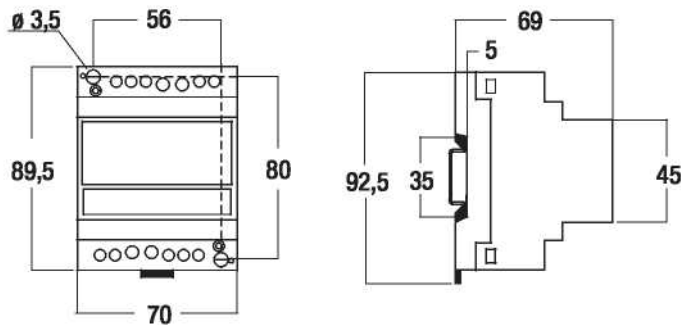


Model D4CR8

DESCRIPTION

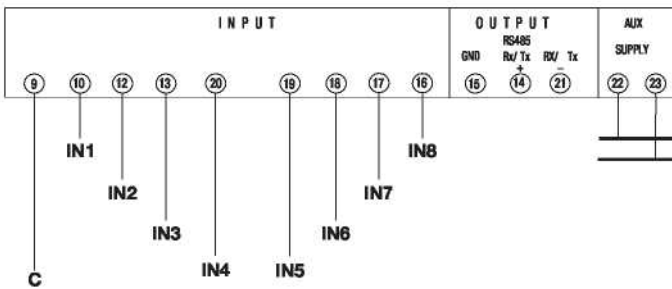
A DIN rail mounting module designed for use with any device that provides a pulsed signal, such as energy, gas, water and heating meters. The module will allow up to 8 parameters measured in such a way to be communicated to a remote point by RS485 3-wire serial link. The D4CR8 uses JBUS/MODBUS protocol (other protocols available on request). Up to 255 units may be connected to a bus system, allowing the possibility of monitoring over 2000 pulsed signals at a single point.

DIMENSIONS



WIRING DIAGRAMS

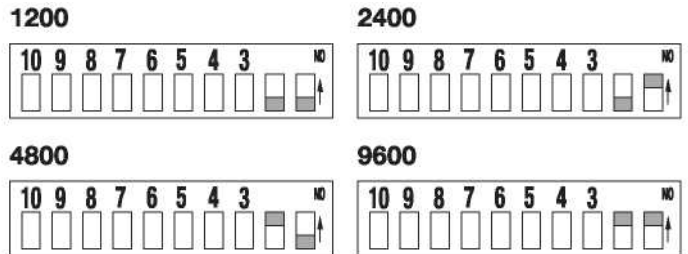
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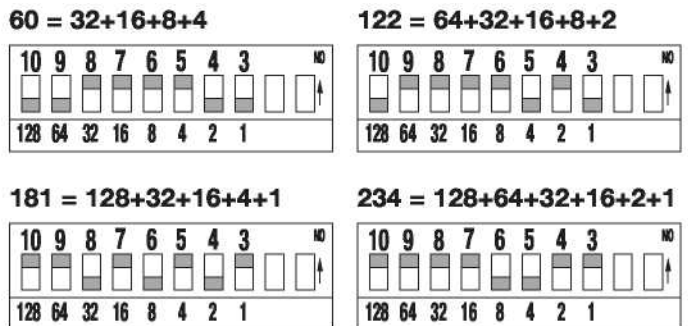
SPECIFICATIONS

Input	SPST - NO volt free contact
Input Pulse ratio	ON ≥20ms, OFF >20ms
Max Pulse Frequency	25Hz
Transmission	Serial asynchronous
Transferred Data	8-registers
Protocol	JBUS/MODBUS
Address	1...255
Stop Bit	1
Parity Bit	None
Baud Rate	1200, 2400, 4800, 9600
Max. Response Time	≤ 300ms
Max Distance	1200m to transmission point
LED	Tx - transmission condition Rx - receiving condition
Aux. Supply	115V 50/60Hz or 230V 50/60Hz -15% +10%
Insulation	Impulse 5kV 1.2/50p 0.5J (IEC 255-4) 2kV 50Hz/1 min - input and output/auxiliary 4kV 50Hz/1 min - all circuits earth
Electromagnetic Compatibility	Fast transient burst (IEC 801-4) Security Level 4

BAUD RATE SETTING (bit/s)



ADDRESS SETTING (1...255)



Information Required With Order

- Model • Supply voltage

Example: Model D4CR8, Aux Supply 230Vac