# Serial converter

### RS232 to RS485 converter




| | |
|---|---|
| Model number: | **CAD-232-A2-IQ** |
| Mounting: | DIN rail, 2M, 36 mm |
| Dimensions: | 36x99x58 mm |

## Applications

- Connecting power sensor and other RS-485 devices to HC/MC (Home Controller/Master Controller)

## Installation

- Place CAD-232-A2-IQ module on DIN rail next to Home Controller
- Connect enclosed red cable between COM1 port on Home Controller and one of RS232 port at bottom side of CAD-232-A2-IQ module
- Connect RS485 terminals to SDM-120-C RS485 terminals
  - A - A
  - B - B
  - C - GND

# Features

- 2 x RS232 channel
- galvanic isolated A-bus lines from RS232
- LED signalization for data flow
- push and click mounting on DIN rail
- small dimensions
- removable RS485 terminal
- 24V DC powered over IEX-2 bus

# General description

**Power meter converter** is RS232 to RS485 converter used to connect PM1-E-D and other power sensors to Home Controller.

# Technical specification

| | |
|---|---|
| Power supply: | 24V/50mA |
| Galvanic isolation: | RS485 is galvanic isolated from circuit |
| Ingress protection: | IP20 |
| Operating temperature: | 0..50°C |
| Storage temperature: | -20..75°C |
| Relative humidity: | 0..85% n/c |

# Terminals

| | | |
|---|---|---|
| To power sensor | **A** | RS485 bus |
| | **B** | |
| | **C** | |

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