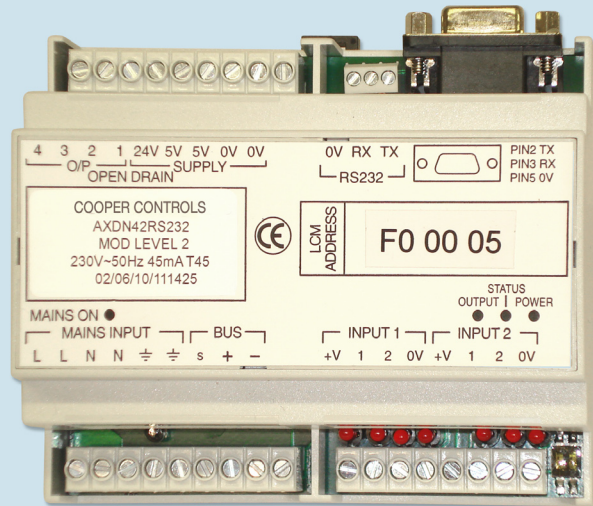# AXDN42RS232

## DINrail 4 Volt Free Output, 2 Input Bi-directional RS232 Interface Module

## Key Features

- Bi-directional RS232 communication port via 9 pin D and terminals
- LED indicators for RS232 status
- Four voltage free outputs
- Two terminal Inputs for connection of wall switches, occupancy, daylight and combined sensors

## Code Compliance

- Improves BREEAM & LEED scoring for building sustainability.
- Contributes to energy reduction targets under Climate Change Levy (CCL) and Carbon Reduction Commitment (CRC).
- Qualifies for Enhanced Capital Allowance (ECA) applications.
- Delivers lighting control requirements under UK Building Regs - L2a & L2b and BRE: 498.

## Achievable Energy Savings



## Overview

DINrail mounting Bi-directional RS232 Interface Module with 4 volt free outputs and 2 Inputs. Enables communication with third party equipment compatible with RS232 protocol.

These units are ideal for installation in centralised DINrail panels or may be used with the optional steel enclosure for mounting within a distributed LCM network.

DINrail devices are ideal for use in areas where the electrical installation is fixed or where the use of centralised panels of controllers is appropriate. Used in conjunction with Area Controllers, network systems may be logically laid out on an area, floor or whole building basis. Groups of luminaires and sensors or switches may be created and then controlled on the basis of occupancy, daylight level or user override.
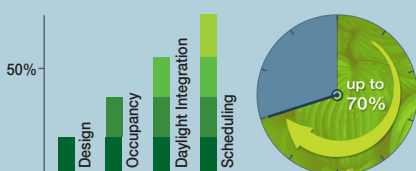
Optional steel enclosure. Order code: MTG22DN1

**COOPER** Controls

# Greengate
energy conservation systems

## Spectrum System

# AXDN42RS232
## DINrail 4 Volt Free Output, 2 Input
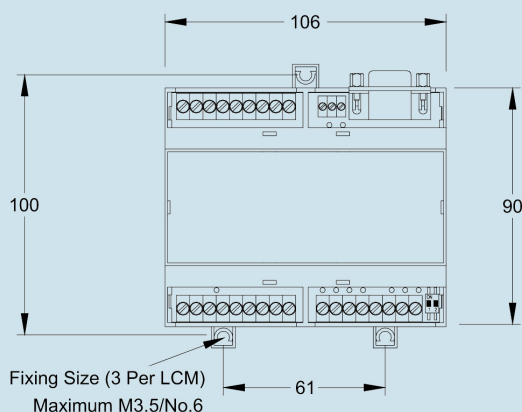## Bi-directional RS232 Interface Module

## Suitable For

Interfacing with Third party devices eg. AV systems, BMS and CAN bus gateway used in the following applications:

**Lecture theatre**
**Board room**
**Meeting room**
**School classroom**
**Retail complex**
**Airport terminal**
**Hospital wards**
**Consulting room**
**Cellular office**
**Open plan office**

## Additional Features

**Outputs:**
4 volt free outputs (open drain)

**Communication Port:**
Bi-directional RS232 Interface via industry standard 9 way 'D' Type socket for Interface to touch screens, scene plates etc. using Spectrum System RS232 serial protocol. Code may require integration to other devices by 3rd party AV or interface company. Alternative RS232 connection via 3 way wireable terminal block.

**Inputs:**
Two configurable for combined sensors, solar sensors, presence detectors, infra-red sensors, wall switches and emergency test key switches

**LED indicators:**
Showing network status and power supply status

**Mains Input:**
Two live, neutral and earth connections allow for looping of mains

## Dimensions



106

100

90

Fixing Size (3 Per LCM)
Maximum M3.5/No.6

61

## Technical Information

**Construction:** Plastic housing UL94 V0 rated
**Fixing:** 35mm DINrail mounting or panel mounted with 3 x 3.5mm diameter at centres 60 x 100mm (L x W)
**Weight:** 350g
**Temperature:** 0 to 45°C (non condensing)
**Supply:** 230V~AC 50Hz single phase

**Load data**
**Max LCM Input Load:** 15 VDC 20 mA

\* This LCM may also be mounted in a steel enclosure (ordered separately) for mounting within a distributed LCM network. Order Code: MTG22DN1

| Voltage | | | | | Standards | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 100V | ☐ | 230V NON CE | ☐ | | | CE | cULus | CSA | NOM | ETL |
| 120V | ☐ | 277V | ☐ | | | | | | | |
| 230V CE | ✔ | 347V | ☐ | | | | | | | |

This product conforms to one or more of the above standards. Please contact your local Cooper Controls representative for further information.

# COOPER Controls