



# S-Node G2 RS

Door Control & I/O

The S-Node G2 RS is a door control and alarm collection unit included in the Integra system. This node is usually placed directly in the door environment or central in a server room. It is equipped to control and monitor a variety of door environments. The S-Node G2 RS is protected by box tamper protection and when required an optional wall tamper is available. When needed the number of inputs and outputs can be extended by using different extension cards. In a typical door environment the S-Node G2 RS manages door open sensor, door open button, electromagnetic lock and card reader. It also manages lock indication, alarm bypass, general alarm inputs and general relay control. When required unit is able to supply 12VDC for alarm products like movement detectors.

**Art nr:** 44281155 S-Node G2 RS

## Performance

S-Node G2 RS is built inside robust plastic box designed for easy installation and maintenance. Cable entry can be made through left, right or bottom edge of the box. For easy maintenance and installation device is provided with pluggable terminal blocks. The construction is designed for efficient and correct installation with a minimum of exterior connection materials.

Status for inputs, outputs, communication lines is indicated by LED's that are automatically switched off when box is closed to decrease power consumption.

Inputs can be configured either as double or triple balanced or digital. The relay outputs has a configurable output functionality with either NC, NO or voltage out.

## Function

The S-Node G2 RS serve to monitor and control the signals from the door environment and alarm sensors. The card readers are used to identify the cards and requests from the card holders. The communication flows over RS-485 to the master Moveo node, a powerful central unit with full configuration database. Device is continuously monitored to secure unit functionality. S-Node G2 RS supports fast and easy remote firmware upgrade, new functions are installed by a click of your mouse.



- › Decentralized door control and I/O unit for different door environments, alarm collection and control
- › Completely equipped for mounting directly in the door environment, including intelligent spreading functionality
- › Sturdy construction with sabotage protection
- › Fitted and designed for easy installation and mounting with a minimum of external connecting materials
- › Facilitates and makes the door environment installation more efficient
- › Two separated power supplies, primary for supplying unit and secondary for external devices

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## Technical data

|                                       |                    |
|---------------------------------------|--------------------|
| Power supply, Typical/Min/Max         | 24V DC/20VDC/30VDC |
| Power consumption, Typical/Max at 24V | 45 mA/ 110 mA      |
| Enclosure                             | IP41               |
| Operating temperature                 | -10°C to +55°C     |
| Dimensions NET (L/W/H)                | 220/180/62 mm      |
| Weight NET                            | 490 g              |
| Colour                                | RAL 9010           |

## Specific technical data

|                 |   |
|-----------------|---|
| Communication   | One RS-485 channel to Moveo RS/Moveo XL RS + one RS-485 channel to card readers |
| Powersupply Out | 12VDC, 0.5 A (alarm products)<br>24VDC (locks, readers)                         |
| Inputs          | 8 pcs double/triple balanced or digital   |
| Outputs         | 4 pcs relays (NO/NC/24VDC), 1A  |

## Article number

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