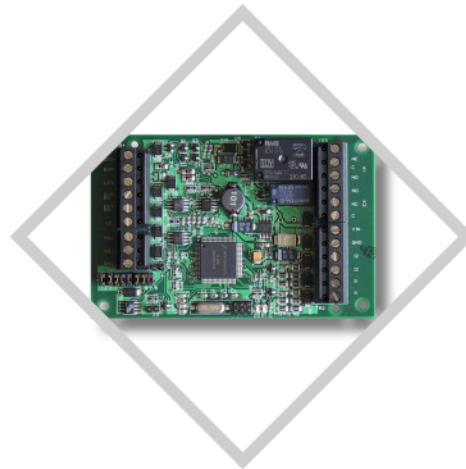


RSC-2 - Dual Reader

- ◆ Support for proximity, magnetic stripe, Wiegand, RS-485 and keypad readers
- ◆ 8 programmable inputs support normally open, normally closed, supervised and non-supervised circuits
- ◆ 6 relay outputs can be set for fail safe or fail secure operation
- ◆ Stores up to 8 facility codes for basis of access decisions in offline mode
- ◆ Speeds up to 38,400 bits per second

RSC-1 - Single Reader

- ◆ Support for proximity, magnetic stripe, Wiegand, RS-485 and keypad readers
- ◆ 2 programmable inputs support normally open, normally closed, supervised and non-supervised circuits
- ◆ 2 relay outputs can be set for fail safe or fail secure operation
- ◆ Stores up to 8 facility codes for basis of access decisions in offline mode
- ◆ Speeds up to 38,400 bits per second



Reader Sub-controllers provide the interface between door devices and the SSP™ Series Controller.

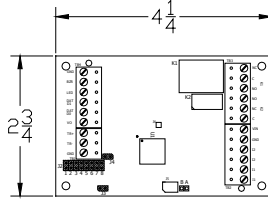
Both RSC devices support a multitude of magnetic stripe, Wiegand, RS-485 and proximity readers, as well as providing I/O support for door devices such as request to exits and door contacts.

*The **RSC-2** supports two readers and includes inputs and outputs beyond the requirements for a typical door configuration allowing for system expansion without added cost.*

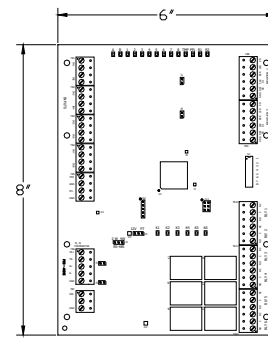
*The **RSC-1** is the perfect solution for almost any single door configuration.*

Reader Modules

Dimensions



RSC-1



RSC-2

RSC-1 Specifications

Primary Power

12 to 24VDC \pm 10%
 12VDC @ 110mA (plus reader current) nominal
 24VDC @ 60mA (plus reader current) nominal

Wiring Specifications

Power: 1 twisted pair, 18 AWG min.
 RS-485: 22 AWG, 4,000ft (1,200m) max., twisted pair w/shield

Reader Ports

Power: 12 to 24VDC \pm 10% (input voltage passed through)
 LED: TTL compatible, high $>$ 3V, low $<$ 0.5V, 5mA sink max.
 Buzzer: Open collector, 5VDC open circuit max, 10mA sink max.
 Reader: TTL compatible inputs or 2-wire 485

Inputs

2 General purpose: programmable circuit type
 1 dedicated: tamper

Outputs

Relay 1: Form-C, 5A 28 VDC
 Relay 2: Form-C, 1A 28 VDC

Environmental

Temperature: -40 to 70C operational, -55 to 85C storage
 Humidity: 10% to 95% RHNC

Mechanical

Dimensions: 4.25" W x 2.75" L x 1" H
 (108mm W x 70mm L x 25.4mm H)
 Weight: 4 oz. (120gm) nominal

Listing

UL Listed ALVY2, CE

RSC-2 Specifications

Primary Power

12 to 24VDC \pm 10%
 12VDC @ 450mA (plus reader current) nominal
 24VDC @ 270mA (plus reader current) nominal

Wiring Specifications

Power: 1 twisted pair, 18 AWG min.
 RS-485: 22 AWG, 4,000ft (1,200m) max., twisted pair w/shield

Reader Ports (2 reader ports)

Power: 12 VDC \pm 10% regulated, 125mA max each reader OR
 12 VDC \pm 10% (voltage passed through), 125mA max
 each reader

All other reader port specifications are same as RSC-1 (see above).

Inputs

8 General purpose: programmable circuit type
 2 dedicated: 1 tamper and 1 power monitor each

Outputs

6 Relays: Form-C, 5A @ 28VDC, resistive

Environmental

Temperature: 0 to 70C operational, -55 to 85C storage
 Humidity: 0 to 95% RHNC

Mechanical

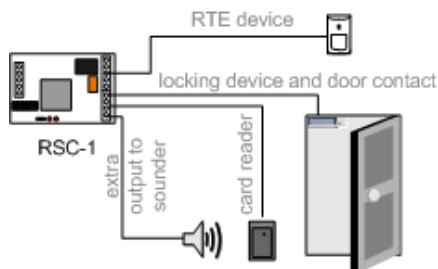
Dimensions: 6" W x 8" L x 1" H
 (152mm W x 203mm L x 25mm H)
 Weight: 11 oz. (312gm) nominal

Listing

UL Listed ALVY2, CE

Application

Single door



Dual doors
 Plus..

