

Door Modules

Reliable. Versatile. Secure.



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

RSC-1 & RSC-2

Reader Sub-controllers

Overview

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

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 for two completely separate doors or an in/out configuration. The RSC-2 also includes inputs and outputs beyond the requirements for a typical door configuration allowing for system expansion without the added cost.

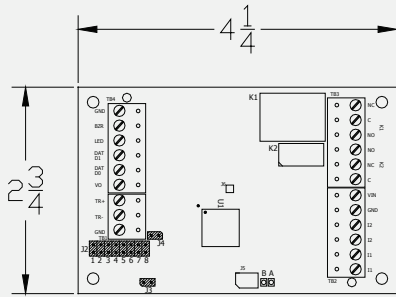
The **RSC-1** is the perfect solution for almost any single door configuration and has an extra relay output for auxiliary device control.



OPEN OPTIONS®
— ACCESS TECHNOLOGY —

Reader Modules

RSC-1



RSC-1

Primary Power

12 to 24VDC ± 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 with shield

Reader Ports

Power:

12 to 24VDC +/- 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/Outputs

2 General purpose:

Programmable circuit type

1 dedicated:

Tamper

Relay 1:

Form-C, 5A 28 VDC

Relay 2:

Form-C, 1A 28 VDC

Environmental

Temperature:

-40 to 70C operational, -55to 85C storage

Humidity:

10% to 95% RHNC

Mechanical

Dimensions:

4.25 in. W x 2.75 in. L x 1.0 in. H (108mm W x 70mm L x 25.4mm H)

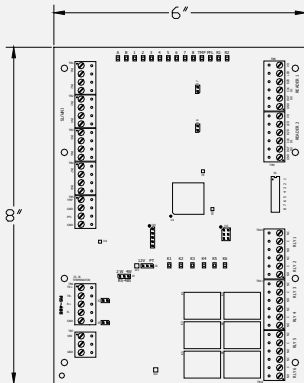
Weight:

4 oz. (120gm) nominal

Listing

UL Listed ALVY2, CE

RSC-2



RSC-2

Primary Power

12 to 24VDC ± 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 with shield

Reader Ports

Power:

12 VDC ± 10% regulated, 125mA max each reader OR

12 VDC ± 10% (voltage passed through), 125mA max each reader

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

Inputs/Outputs

8 General purpose:

Programmable circuit type

2 dedicated:

1tamper and 1 power monitor each

6 Relays:

Form-C, 5A @ 28VDC, resistive

Environmental

Temperature:

0 to 70C operational, -55to 85C storage

Humidity:

0 to 95% RHNC

Mechanical

Dimensions:

6 in. W x 8 in. L x 1.0 in. H (152mm W x 203mm L x 25mm H)

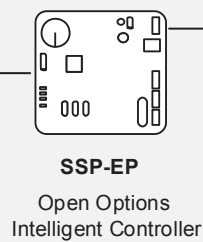
Weight:

11 oz. (312gm) nominal

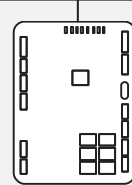
Listing

UL Listed ALVY2, CE

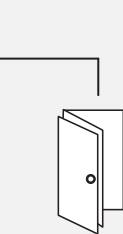
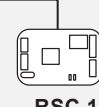
Application



RS-485 Communications



RSC-2
Two Complete Doors
(Plus Extra I/O)



Single Door Support