

Optional Features

The RSSI level can be set for BLE use. This allows you to select one of the following settings:

- RSSI = -128, maximum distance (40+ feet)
- RSSI = -40, minimum distance (a few inches)

To set the RSSI level:

1. With the HH6 powered, go into Menu Tools.
2. Select 2 – Prog. Reader.
3. Select 1 – Change RSSI.
4. Set the desired RSSI level.

Custom Firmware Requirement

Keyscan CA150 ACUs (PC1156 dipswitch version board) with custom firmware #CF10010 V1.63. Keyscan CA250, CA4500, CA8500 ACUs (PC1097 dipswitch version board), EC1500 or EC2500 ECUs with custom firmware #CF10004. To be able to read the unique dormakaba credential bit structure.

Specifications

Dimensions

1.69" (W) x 2.70" (L) x 1.57" (D) / 44 mm x 67 mm x 40 mm

Includes mounting bracket

Power Requirements

12 VDC, 200 mA maximum - idle current 12 mA

Cable

6 conductor shielded 22 AWG cable—152 metres (500 feet) maximum

Weight

3.2 ounces / 90.7 grams

Environmental

Operating Temperature: -35 to 66 °C (-31 to 151 °F)

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Technical Support

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SRK-PNFN2M Installation Guide – KD10109-E-0719

SRK-PNFN2M Recessed Mount Reader with BLE

Installation Guide

This guide outlines how to connect the SRK-PNFN2M Recessed Mount Reader with BLE.

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This reader configuration is non-stock with a four to five (4 – 5) week lead time.

Features

- Proximity RFID technology
- Compatible with dormakaba physical credentials and BlueSky BLE APP only
- Durable materials and construction
- LED power indicator
- Compact, lightweight, and water resistant
- BLE-enabled with Demo BLE, must be re-programmed to work with end-user BLE
- 'Always Polling' configuration for longer BLE read range
- Designed for recessed mounting behind a plastic front plate

Figure 1 – SRK-PNFN2M – Recessed Mount Reader



Figure 2 – SRK-PNFN2M Connections to a PC109x Control Board

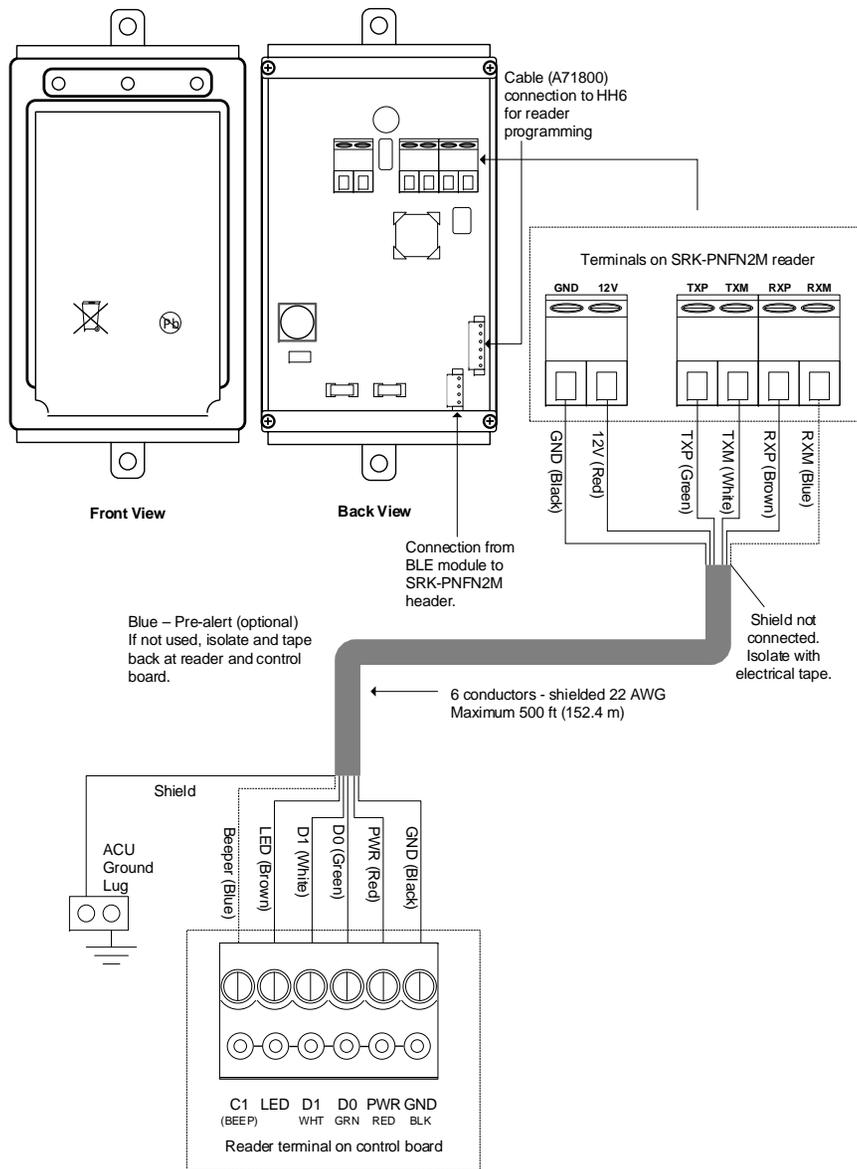
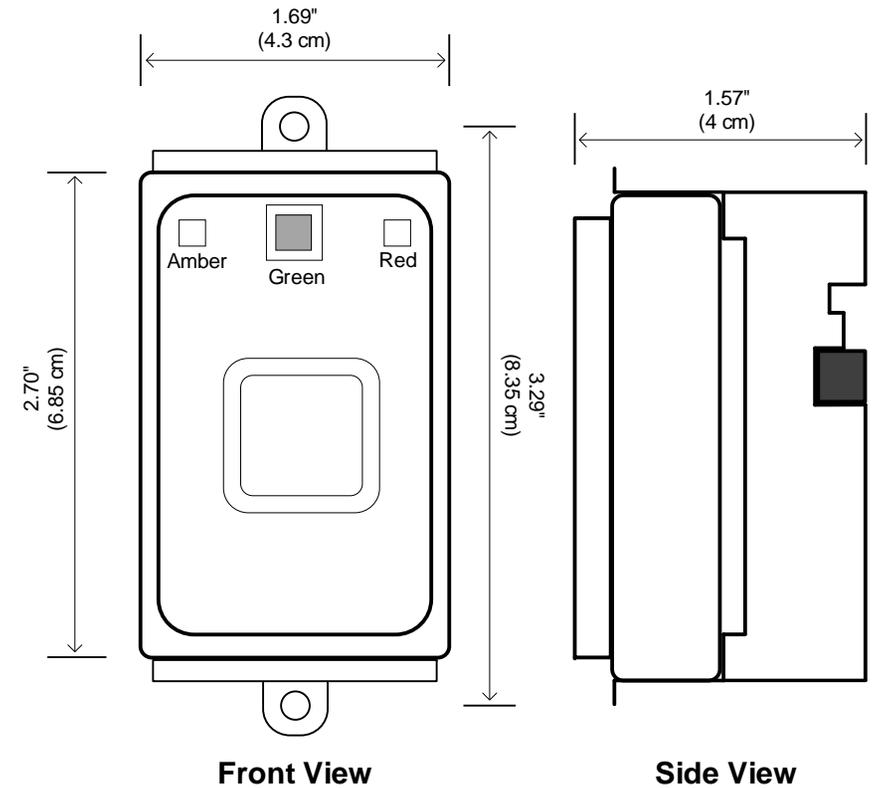


Figure 3 – SRK-PNFN2M Mounting Template



dormakaba BLE Programming

SRK BLE readers are factory defaulted to the demo BLE Project ID and require on-site programming based on the customer's site code as entered in their database.

This reader configuration has 'Always Polling' mode activated to provide a longer BLE read range. BLE read range can be adjusted with the HH6 (Hand Held Programmer).

Required Hardware (not provided)

- HH6 Version 2.17 or higher
- Cable DB (to Molex) Part#: A71800

Program Project ID

Follow these steps to program the reader with the end-user BLE Project ID:

1. Sync the HH6 device with the dormakaba DB, which uses the assigned BLE Project ID.
2. Power the HH6 device.
3. Go into the Menu Tools.
4. Select 2 – Prog. Reader.
5. Select 5 – Prog. Keysc BLE.
6. Follow the instructions on screen.