DK Prox Card Readers Installation

DoorKing’s DK Prox Card Readers are designed to manage an access point using 26-Bit Wiegand communication. It uses DK Prox proprietary software. Maximum read range varies depending on the model.

The readers are sealed in epoxy, making them vandal-resistant and are ideal for both indoor and outdoor applications.

Access Control Levels:

- Endurance Level IV
- Line Security Level I
- Standby Power Level I
- Attack Level I
- Single Point Locking Device with Keylocks Level I

Installation

To achieve optimal performance from the DK Prox card readers, do not mount the reader on metal surfaces. Mounting these readers on a metal surface will decrease the read range of the device. These readers require 0.2 Amp at 12 Volt DC input power. If power is supplied by a plug-in transformer, be sure the output is rated as required and that the transformer is U.L. Listed. LED (yellow wire) and Beeper (blue wire) are activated by ground. **DO NOT** connect these to 12 VDC.

12 VDC power must be available at the card reader (long cable runs have a voltage drop due to the resistance in the cable). A larger wire gauge (having less resistance) or a separate UL listed power supply near the card reader may be required to ensure that 12 VDC power is available at the card reader or problems may occur.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Maximum Read Range</th>
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</thead>
<tbody>
<tr>
<td>1815-300</td>
<td>Mullion Style Card Reader Assembly</td>
<td>6 Inches</td>
</tr>
<tr>
<td>1815-301</td>
<td>Single-Gang Style Card Reader Assembly</td>
<td>6 Inches</td>
</tr>
<tr>
<td>1815-302</td>
<td>Small Card Reader</td>
<td>3 Inches</td>
</tr>
</tbody>
</table>

Operating Temperature: 32° - 131° F (0° - 55° C)
Humidity Conditions: 5% - 95% RH

Wire Descriptions

- Red - Vin (+12VDC)
- Black - Ground
- Green - Data 0
- White - Data 1
- Blue - Beeper
- Yellow - LED

Connect to Ground to activate. **DO NOT** connect to 12 VDC.