ProxPlus™ SECURE CARD READERS

ProxPlus™ Secure card readers and cards use an encrypted unique identifier code making duplication of cards almost impossible. ProxPlus™ Secure card readers will only operate with ProxPlus™ Secure cards. Mifare card readers will operate with Mifare Classic 4 or 7 byte UID cards. The readers are sealed in epoxy, making them vandal-resistant and are ideal for both indoor and outdoor applications.

DoorKing Part Numbers

1815-684
mullion style ProxPlus Secure

1815-685
single-gang style ProxPlus Secure

1815-680
mullion style Mifare Reader

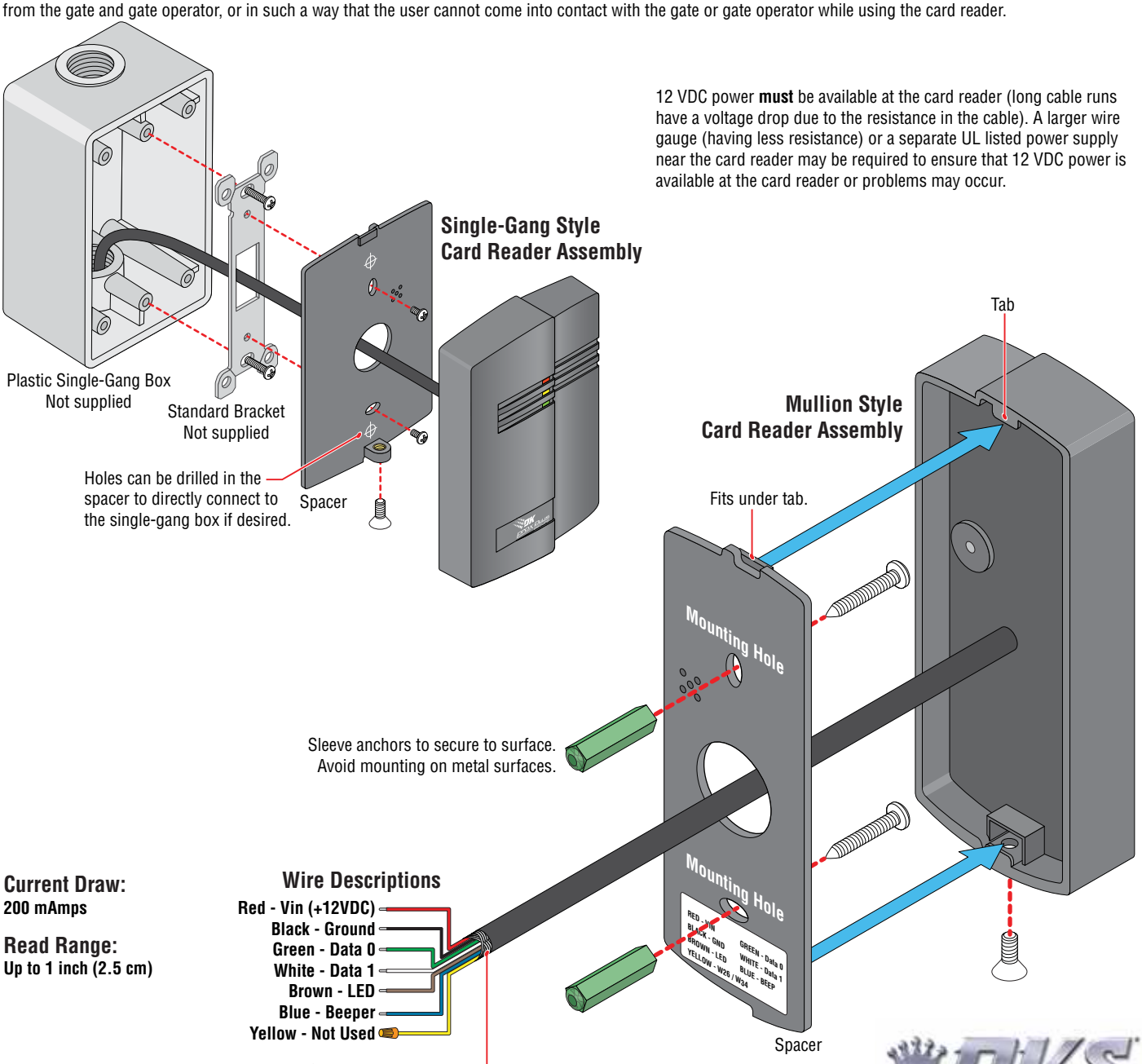
1815-681
single-gang style Mifare Reader

Installation

Mount the card reader using the hardware provided as shown in the diagrams below. Mount the spacer first, then mount the card reader. **Read range will be reduced if the reader is installed on metal surfaces.** Read range can also be affected by RF interference from power supplies, electrical and electronic equipment, some types of lighting, computers and monitors, motors and generators.

DO NOT mount the card reader to a moving gate, or immediately next to a gate panel or pedestrian gate. Continuous vibration from slamming gates and vibration can cause damage to the system over time. **WARNING!** If the card reader is used to activate a vehicular gate operator, it must be mounted a minimum of **6 feet away** from the gate and gate operator, or in such a way that the user cannot come into contact with the gate or gate operator while using the card reader.

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.



Current Draw:
200 mAmps

Read Range:
Up to 1 inch (2.5 cm)

Wire Descriptions

- **Red - Vin (+12VDC)**
- **Black - Ground**
- **Green - Data 0**
- **White - Data 1**
- **Brown - LED**
- **Blue - Beeper**
- **Yellow - Not Used**

Electromagnetic Interference (EMI):
Shielding is used to reduce the effects of EMI.
It should be properly grounded.

DOORKING
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