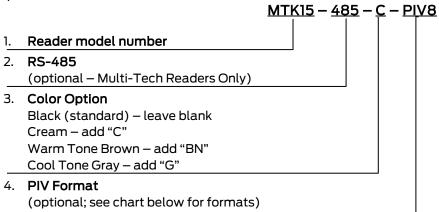This guide has been designed to assist you in determining the appropriate information to use when ordering reader products from Schlage. This is not meant to substitute a purchase order, and a valid purchase order must be submitted to order reader products. If you have any questions, or need additional assistance, please contact your Allegion sales representative.

Build your reader part number

Follow the steps below to build the full part number for the reader you wish to order. Use the sample below to determine how to write your part number on your PO.

Sample Part Number:

MTK15 – 485 – C – PIV8

1. **Reader model number**
2. **RS-485**
   (optional – Multi-Tech Readers Only)
3. **Color Option**
   Black (standard) – leave blank
   Cream – add "C"
   Warm Tone Brown – add "BN"
   Cool Tone Gray – add "G"
4. **PIV Format**
   (optional; see chart below for formats)

1. Choose your reader model

Schlage offers readers in a variety of technologies and form factors. Refer to the chart below to determine which reader to order.

Reader Model Number	Model Description
PR10	**Proximity Reader, mini-mullion:** Compact proximity reader, designed to fit in small spaces, or to be mounted to a door mullion
SM10	**Smart Reader, mini-mullion:** Compact smart reader, designed to fit in small spaces, or to be mounted to a door mullion
MT11	**Multi-technology Reader, mullion:** Designed to be mounted to a door mullion
MT15	**Multi-technology Reader, single gang:** Medium-sized reader designed to be mounted on a wall over a single gang junction box
MTK15	**Multi-technology Reader with Keypad, single gang:** Medium-sized reader designed to be mounted on a wall over a single gang junction box
MTMS15	**Multi-technology Reader with Magnetic Stripe, single gang:** Designed to be mounted on a wall over a single gang junction box with magnetic stripe capability
MTMSK15	**Multi-technology Reader with Magnetic Stripe and Keypad, single gang:** Designed to be mounted on a wall over a single gang junction box with magnetic stripe capability

2. RS-485 Capability

Schlage readers (multi-technology only) have been designed with an option to interface directly with controllers that utilize RS-485 protocol. RS-485 is a communication protocol that allows a two way communication between the reader and the panel, for example OSDP protocol.

To order readers with RS-485 capability, add **"-485"** after the reader model number. If you are using the standard Wiegand protocol, do not add a suffix (leave blank).

3. Reader Color Options

Schlage readers are available in four color options. Add the appropriate suffix after the reader model number and RS-485 option (if applicable).

Black (standard) – do not add a color suffix, **leave blank**
Cream – add **"C"**
Warm Tone Brown – add **"BN"**
Cool Tone Gray – add **"G"**

If the RS-485 option is chosen, add the color suffix after "-485." If the RS-485 option is not chosen, add the color suffix after the reader part number (ex: MT11BN).

4. PIV Format

75-bit PIV is the default format for all Schlage readers. Other format requirements are determined by the access control system, agency requirements, and customer specifications. The other available formatting options are listed below. Add "PIV" and the format number after the reader model number, RS-485 option (if applicable), and color suffix (if applicable). If you need assistance in determining the PIV format for your facility, please contact your Allegion sales consultant.

Format Number	Bit Information
1	75-bit PIV
2	58-bit TWIC/CAC
3	200-bit FASC-N
4	64-bit (BCD) TWIC/CAC
5	83-bit TWIC/CAC
6	66-bit (58-bit format +TSM) TWIC/CAC
7	64-bit (58-bit format (no parity) + TSM) TWIC/CAC
8	91-bit (83 bit format + TSM) TWIC/CAC
9	40–bit BCD
10	40-bit reversed BCD
11	64-bit BCD
12	64-bit reversed BCD
13	128-bit BCD
14	128-bit reversed BCD
15	58-bit HSE

5. Special Instructions

Please specify any other special instructions directly on your PO.

Our inside sales team is ready to help: 855.248.0302

We also offer custom format cards and readers under our special engineering program.
For application and approval contact your Allegion Sales Consultant.

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