Overview

Schlage® multi-technology readers are designed to simplify your access control solutions and allow a transition from existing population proximity or magnetic stripe to more secure encrypted card technology at your own pace—without having to change readers as new technologies are available. Five available models to fit any need and works with multiple form factors including wristbands, cards, fobs and tags.

- MT11: Mullion Mount
- MT15: Wall Mount (Single-gang)
- MTK15: Wall Mount w/keypad (Single gang)
- MTMS15: Magnetic Stripe Reader Wall Mount
- MTMSK15: Magnetic Stripe Reader Wall Mount with Keypad

Features and benefits

Schlage multi-technology readers contain both 125 kHz proximity and 13.56 MHz contactless smart card capability in one-unit handling multiple formats simultaneously. Wiegand and RS-485 output available for simple interface with most access control panels.

- Compatible with NFC-open smart phones using Schlage or aptiQ mobile credentials.
- Limited lifetime warranty
- Accommodates interior, exterior, metal and non-metal installation environments
- Quick-connect cable allows for easy installation
- Easy-to-install mounting bracket
- Available finishes include: Black (standard), cool-tone gray, cream and warm-tone brown
Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a $2 billion company, with products sold in almost 130 countries. For more, visit www.allegion.com.

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**Table:**

<table>
<thead>
<tr>
<th>Model</th>
<th>MT11</th>
<th>MT15</th>
<th>MTK15</th>
<th>MTMS15</th>
<th>MTMSK15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reader type</td>
<td>Multi-technology – mullion</td>
<td>Multi-technology – single gang</td>
<td>Multi-technology with keypad – single gang</td>
<td>Multi-technology with magnetic stripe</td>
<td>Multi-technology with magnetic stripe and keypad</td>
</tr>
<tr>
<td>Frequency</td>
<td>13.56 MHz and 125 kHz</td>
<td>13.56 MHz and 125 kHz and magnetic stripe</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>FIPS 201 compliant</td>
<td></td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard default PIV output</td>
<td></td>
<td>75 bit PIV**</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standards</td>
<td></td>
<td>SO14443A, 14443B, 15693</td>
<td></td>
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<tr>
<td>Certifications</td>
<td></td>
<td>FCC Certification • IC Certification • UL 294 Listed • RED Directive (15 EU Countries) • CE Mark • IP65</td>
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<td></td>
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<tr>
<td>Voltage range</td>
<td></td>
<td>5-16 VDC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power supply</td>
<td></td>
<td>Linear DC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current requirement (at 12 VDC and 25 C; mA)</td>
<td>MT11 Avg. 100 mA Peak 170 mA</td>
<td>MT11-485 Avg. 115 mA Peak 145 mA</td>
<td>MT15 &amp; MTK15-485 Avg. 120 mA Peak 200 mA</td>
<td>MTK15 and MTK15-485 Avg. 120 mA Peak 200mA</td>
<td>MTMS15 and MTMS15-485 Avg. 120mA Peak 230mA</td>
</tr>
<tr>
<td>Read range</td>
<td>Proximity: Up to 5” (12.7 cm)</td>
<td>MIFARE Classic: Up to 4” (10 cm)</td>
<td>MIFARE Plus: Up to 1” (2.5 cm)</td>
<td>MIFARE DESFire EV1: Up to 2” (5.1 cm)</td>
<td>PIV credential: Up to 2.5” (6.5 cm)</td>
</tr>
<tr>
<td>Cable specification</td>
<td>18 AWG, 5 conductor stranded/shielded -</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>System interfaces</td>
<td>Wiegand / Clock &amp; Data / RS-485*** (OSDP)</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Cabling distance</td>
<td>Wiegand output: 500 ft (152 m)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical dimensions (H x W x D)</td>
<td>5.91” x 1.72” x 0.81”</td>
<td>5.1” x 3.25” x 0.76”</td>
<td>5.1” x 3.25” x 0.76”</td>
<td>4.43” x 3.17” x 1.15”</td>
<td>4.43” x 3.17” x 1.15”</td>
</tr>
<tr>
<td>Operating temperatures</td>
<td>-40° to 158° F (-40° to 70° C)</td>
<td>-40° to 158° F (-40° to 70° C)</td>
<td>-40° to 158° F (-40° to 70° C)</td>
<td>-31° to 151° F (-35° to 67° C)</td>
<td>-31° to 151° F (-35° to 67° C)</td>
</tr>
<tr>
<td>Weight</td>
<td>5.7 oz</td>
<td>9.1 oz</td>
<td>9.3 oz</td>
<td>8.9 oz</td>
<td>9.5 oz</td>
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<tr>
<td>Material</td>
<td>PBT Polymer</td>
<td></td>
<td></td>
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</tbody>
</table>

**Technologies supported in default mode:**

- Schlage Proximity
- XceedID® Proximity
- HID® Proximity
- GE/CASI ProxLite®
- AWID® Proximity
- LenelProx®
- Schlage/aptiQ mobile
- Schlage/aptiQ/XceedID smart cards using MIFARE Classic
- Schlage smart cards using MIFARE Plus
- Schlage/aptiQ smart cards using MIFARE DESFire EV1
- DESFire® CSN
- HID iCLASS® CSN
- Inside Contactless PicoTag® CSN
- ST Microelectronics® CSN
- Texas Instruments Tag-it® CSN
- Phillips I-CODE® CSN

**Color options:**

- Black (standard)
- Cream
- Cool tone gray
- Warm tone brown

**Notes:**

- Some features and benefits listed on the front may not be applicable to the smart-only and proximity-only readers.
- Other output options available through configuration.
- RS-485 model numbers include "-485" after the original model number. For example, MT11-485 is the RS-485 version of the multi-technology mini-mullion reader. Multi-drop, Open Standard Device Protocol (OSDP).
- Lead time may apply for non-standard colors

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**About Allegion**

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