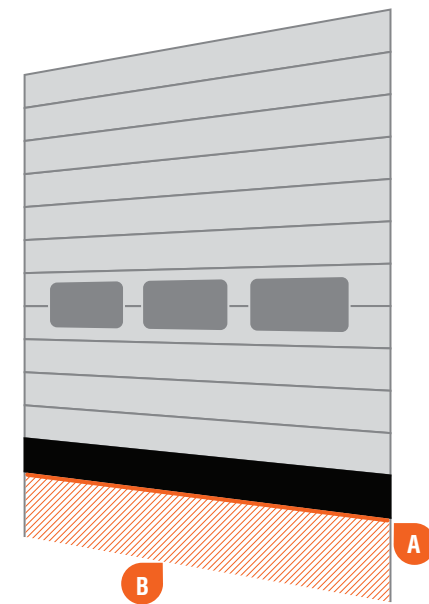


UNIVERSAL DOOR SAFETY

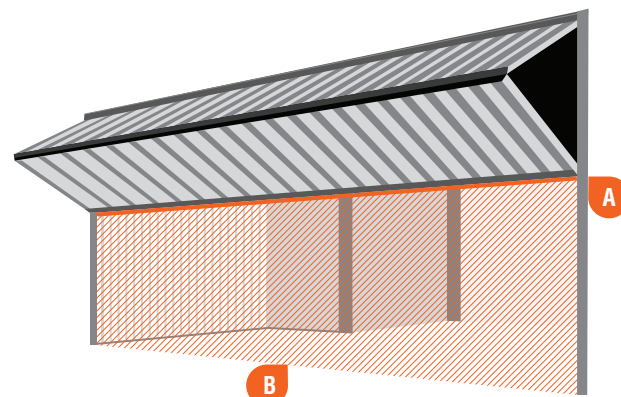
Be sure to read your door operator's manual and follow manufacturer's requirements. More information about door system safety is provided by DASMA (www.dasma.com) and Underwriter's Laboratories (www.ul.com).



SECTIONAL DOOR ▲

SUGGESTED PRODUCTS:

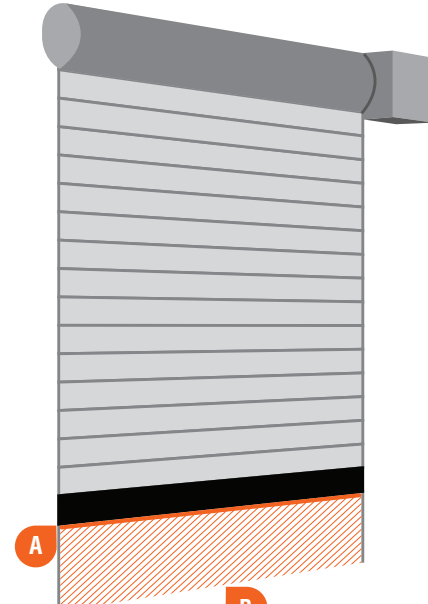
- A. Sensing edges: CPT215, ME112, ME113, ME116, ME117, ME120, ME123, MU21, MU22, Clima-GUARD™
- B. Photo optics: MLC, RLC, OG-T, TG-R



BI-FOLD DOOR ▲

SUGGESTED PRODUCTS:

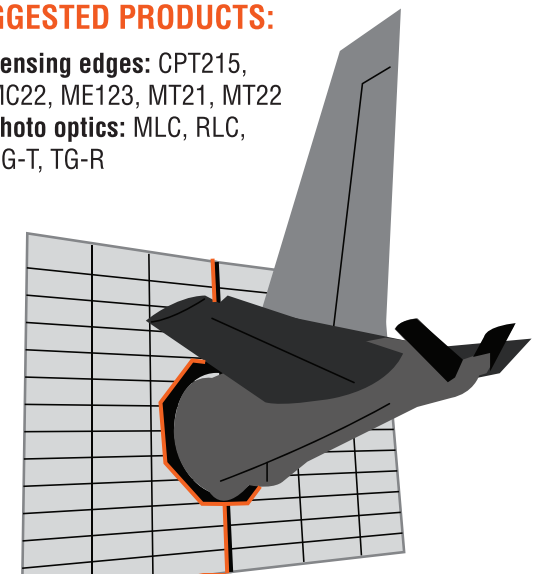
- A. Sensing edges: CPT215, ME123, MU21, MU22, MU33, MUxx
- B. Photo optics: MLC, RLC, OG-T, TG-R



ROLLING STEEL DOOR ▲ WITH DOUBLE ANGLE BOTTOM BARS

SUGGESTED PRODUCTS:

- A. Sensing edges: CPT215, MC22, ME123, MT21, MT22
- B. Photo optics: MLC, RLC, OG-T, TG-R



HANGAR DOOR ▲

SUGGESTED PRODUCTS:

- A. Sensing edges: MUxx



DOWNLOAD PDF
Levels of Protection
Guide for Doors

PHOTO OPTICS



OPTIGUARD™



MONITORED THRU-BEAM PHOTO OPTIC SYSTEM

Models:

- OG-T-K10: Normally closed and 10K outputs
- OG-T-PKIT: Pulsed (includes (1) SM-102)

Features:

- 100 ft. range
- Mounts vertically or horizontally
- Durable hoods provide added protection
- Sealed IP67 housing protects against moisture and dust

Optional Accessories:

PE-CON-K10: Conduit Enclosure Kit



TRUGUARD™



MONITORED RETRO REFLECTIVE PHOTO OPTIC SYSTEM

Models:

- TG-R-K10: Normally closed and 10K outputs
- TG-R-PKIT: Pulsed (includes (1) SM-102)

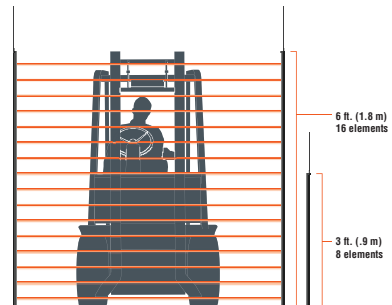
Features:

- 30 ft. range
- Polarized beam and corner cube reflector reject false reflection and increase sunlight immunity
- Mounts vertically or horizontally
- Durable hoods provide added protection
- Sealed IP67 housing protects against moisture and dust

Optional Accessories:

PE-CON-K10: Conduit Enclosure Kit

PHOTO OPTICS



LIGHT CURTAINS

AN INVISIBLE BLANKET OF PROTECTION

Models:

- Monitored Light Curtain
 - MLC-K36: 3 ft., 8 elements
 - MLC-K72: 6 ft., 16 elements
- Relay Light Curtain
 - RLC-K36: 3 ft., 8 elements
 - RLC-K72: 6 ft., 16 elements

Features:

- Monitored and non-monitored to suit any environment
- 32 ft. operating range
- Simplified wiring; no external interface boxes
- LED indicators for easy setup and diagnostics
- Sealed IP67 housing protects against moisture and dust
- LCEM: Extension mounts for easy installation



MWAVE™

INTELLIGENT RADAR SENSOR FOR DOORS

Model: MWAVE

Features:

- Doppler radar technology
- Ideal for both indoor and outdoor applications
- Swivel mounting bracket for adjusting detection field
- Highly visible LED indicators
- IP67 housing protects against moisture and dust

Optional Accessories:

- MWAVE REMOTE universal remote control

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MillerEdge®

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202405



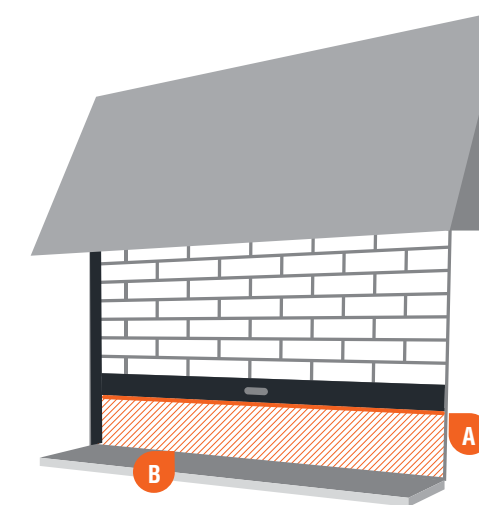
DOOR SAFETY



MAKING YOUR WORLD
A SAFER PLACE

ENTRAPMENT ZONE PROTECTION

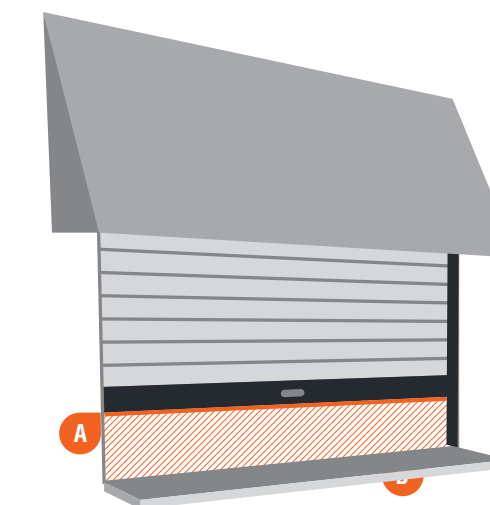
Illustrations show common product placement locations to consider when protecting entrapment zones, however each installation is unique. Be sure to consider all potential safety hazards and incorporate appropriate Miller Edge guarding into your overall door design. Not all hazard zones are entrapment zones. Protect your customers by guarding all hazards, not just entrapment zones.



COUNTERTOP GRILLE ▲

SUGGESTED PRODUCTS:

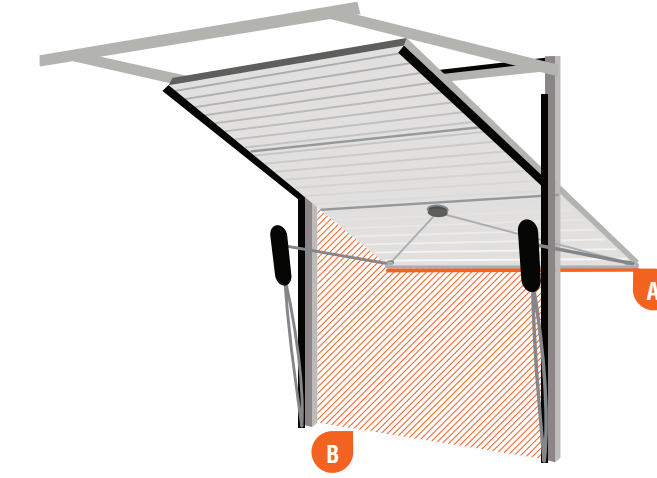
- A. Sensing edges: CPT210, CPT215, MC110, ME110, ME111, ME112, ME113, ME120, ME123
- B. Photo optics: MLC, RLC, OG-T, TG-R



COUNTERTOP DOOR ▲

SUGGESTED PRODUCTS:

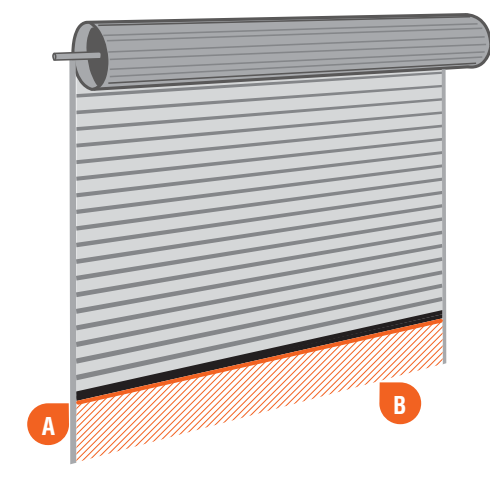
- A. Sensing edges: CPT210, CPT215, MC110, ME110, ME111, ME112, ME113, ME120, ME123
- B. Photo optics: MLC, RLC, OG-T, TG-R



ONE-PIECE STYLE TILT DOOR ▲ (CALIFORNIA STYLE)

SUGGESTED PRODUCTS:

- A. Sensing edges: CPT215, ME120, ME123
- B. Photo optics: MLC, RLC, OG-T, TG-R



ROLLING SHUTTER DOOR ▲















SUGGESTED PRODUCTS:

- A. Sensing edges: CPT215, ME123, MT21, MT22
- B. Photo optics: MLC, RLC, OG-T, TG-R







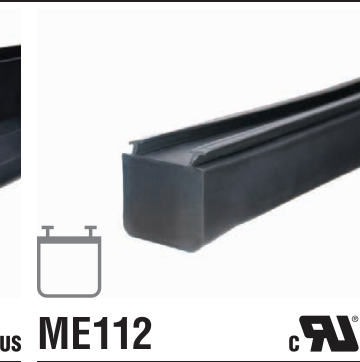





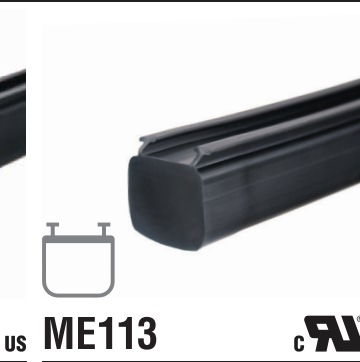













DOWNLOAD PDF
Sensing Edge
Field Worksheet





















SENSING EDGES: COUNTERTOP DOORS & GRILLES

 <p>MC110</p> <p>Uses: Countertop doors and grilles</p> <p>Size: 7/8"W x 3/4"H 23 mm W x 18 mm H</p> <p>Configuration:   </p> <p>Wire Outlet: Left, right</p> <p>Color: </p> <p>Mounting Channel: ME110-C</p>	 <p>ME110</p> <p>Uses: Countertop doors and grilles</p> <p>Size: 7/8"W x 3/4"H 23 mm W x 18 mm H</p> <p>Configuration:   </p> <p>Wire Outlet: End, left, right</p> <p>Color: </p> <p>Mounting Channels: ME110-C, ME110-C2, ME110-C3</p>	 <p>ME111</p> <p>Uses: Countertop doors and grilles</p> <p>Size: 7/8"W x 1-1/2"H 22 mm W x 37 mm H</p> <p>Configuration:   </p> <p>Wire Outlet: End, left, right</p> <p>Color: </p> <p>Mounting Channels: ME110-C, ME110-C2, ME110-C3</p>
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SENSING EDGES: SECTIONAL DOORS

 <p>CLIMAGUARD</p> <p>Uses: Sectional doors</p> <p>Size: 2-1/4"W x 3"H 57 mm W x 76 mm H</p> <p>Configuration:    </p> <p>Wire Outlet: End, left, right</p> <p>Color: </p> <p>Mounting Channels: ME112-C4, ME112-C43, ME112-C47</p>	 <p>ME112</p> <p>Uses: Sectional, countertop doors and grilles</p> <p>Size: 1-5/16"W x 1-1/2"H 34 mm W x 38 mm H</p> <p>Configuration:    </p> <p>Wire Outlet: End, left, right</p> <p>Color: </p> <p>Mounting Channels: ME112-C3, ME112-C7</p>	 <p>ME113</p> <p>Uses: Sectional, countertop doors and grilles</p> <p>Size: 1-1/2"W x 1-9/16"H 38 mm W x 39 mm H</p> <p>Configuration:    </p> <p>Wire Outlet: Universal, left, right</p> <p>Color: </p> <p>Mounting Channels: ME113-C, ME113-C2, ME113-C3, ME113-C7</p>	 <p>ME116</p> <p>Uses: Sectional doors</p> <p>Size: 1-13/16"W x 1-1/2"H 46 mm W x 39 mm H</p> <p>Configuration:    </p> <p>Wire Outlet: Universal, end, left, right</p> <p>Color: </p> <p>Mounting: Slides into bottom section</p>
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SENSING EDGES: SECTIONAL DOORS

 <p>ME117</p> <p>Uses: Sectional doors</p> <p>Size: 1-7/8"W x 2"H 48 mm W x 51 mm H</p> <p>Configuration:    </p> <p>Wire Outlet: Universal</p> <p>Color: </p> <p>Mounting Channel: ME117-C7</p>	 <p>ME120</p> <p>Uses: Sectional, tilt, countertop doors and grilles</p> <p>Size: 1-7/16"W x 1-15/16"H 36 mm W x 49 mm H</p> <p>Configuration:    </p> <p>Wire Outlet: End, left, right</p> <p>Color:  </p> <p>Mounting Channels: ME120-C, ME120-PC</p>	 <p>ME123</p> <p>Uses: Sectional, rolling steel, bi-fold, tilt, countertop doors and grilles</p> <p>Size: 1-7/8"W x 1-1/2"H 48 mm W x 38 mm H</p> <p>Configuration:    </p> <p>Wire Outlet: Universal, end, left, right</p> <p>Color:  </p> <p>Mounting Channels: ME123-C, ME123-C1, ME123-C2175, ME123-C3, ME123-CA3, ME123-C7</p>
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CONFIGURATIONS

MONITORED ELECTRIC*
UL Listed door operators manufactured after Aug. 2010 require monitored devices for guarding entrapment zones. Edge configs include 2-wire (10K resistor, 8.2K resistor, diode capacitor) and 4-wire.

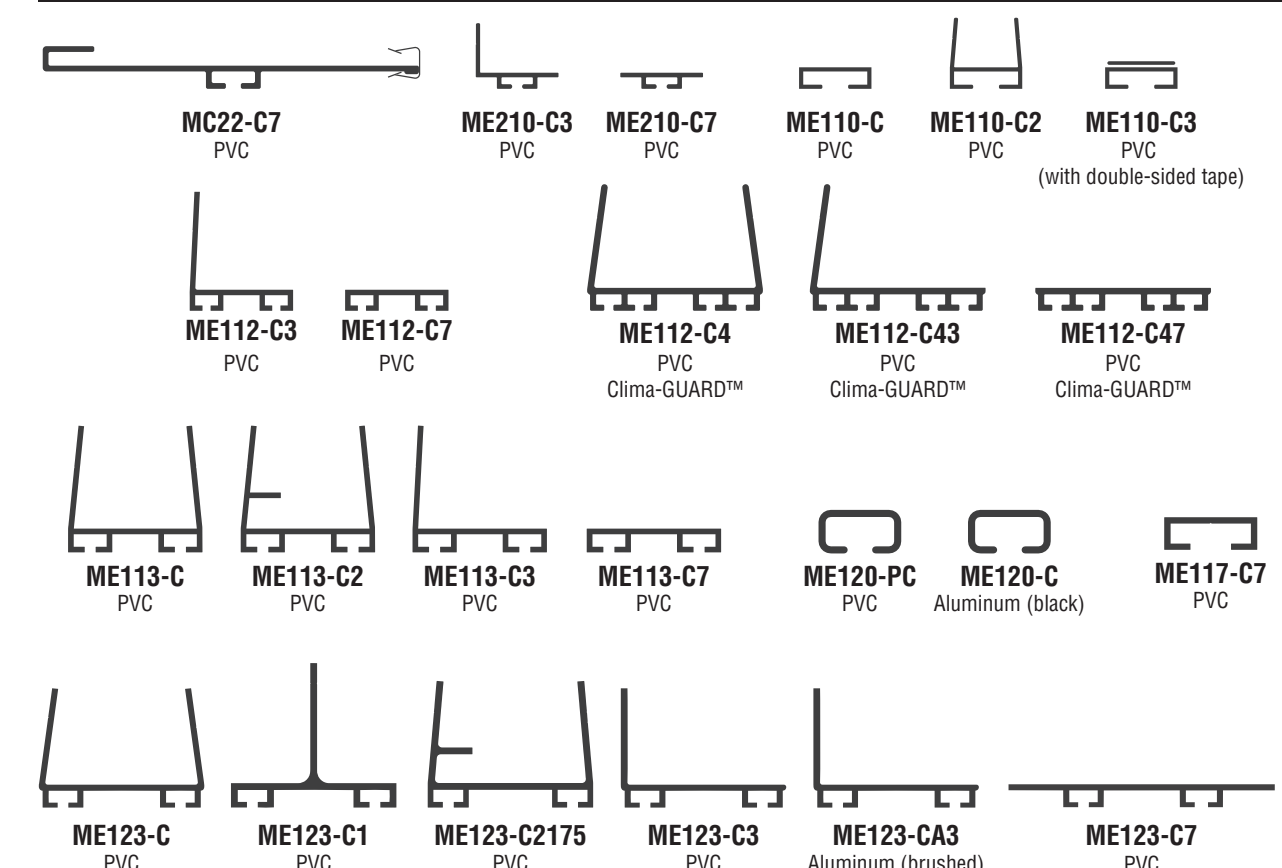
NON-MONITORED ELECTRIC*
Use non-monitored devices with UL Listed door operators manufactured prior to Aug. 2010 or as a secondary device for guarding entrapment and hazard zones. Edge configs: 2-wire non-monitored.

AIR-WAVE (NON-MONITORED)*
Air-Wave edges are non-monitored, feature adjustable sensitivity, and are a low-cost option when a non-electric edge is preferred.

PNEUMATIC (NON-MONITORED)*
Pneumatic edges are non-monitored and offer a low-cost, reliable alternative to electric edges.

*Contact Miller Edge to ensure compatibility.

MOUNTING CHANNELS



MC22-C7 PVC

ME210-C3 PVC

ME210-C7 PVC

ME110-C PVC

ME110-C2 PVC

ME110-C3 PVC (with double-sided tape)

ME112-C3 PVC

ME112-C7 PVC

ME112-C4 PVC

ME112-C43 PVC

ME112-C47 PVC

ME113-C PVC

ME113-C2 PVC

ME113-C3 PVC

ME113-C7 PVC

ME120-PC PVC

ME120-C Aluminum (black)

ME117-C7 PVC

ME123-C PVC

ME123-C1 PVC

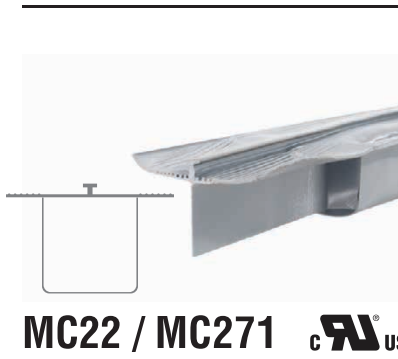









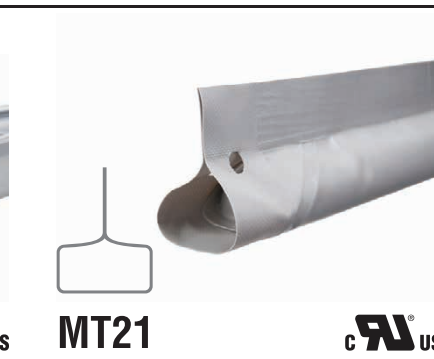









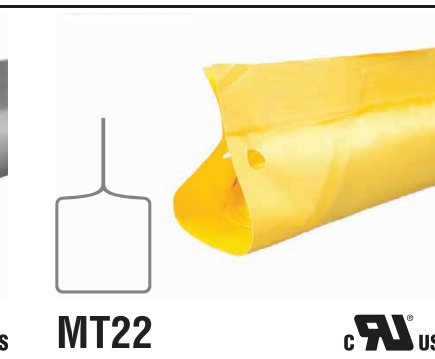









ME123-C2175 PVC

ME123-C3 PVC











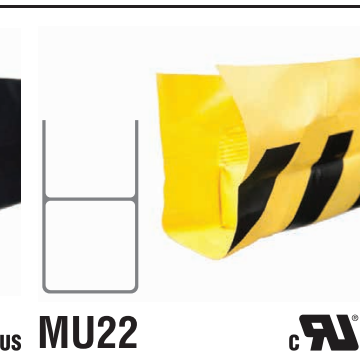









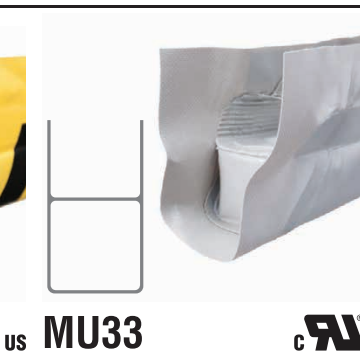









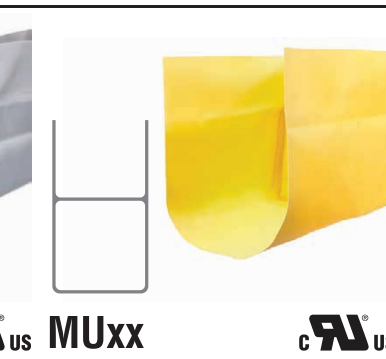









ME123-CA3 Aluminum (brushed)

ME123-C7 PVC





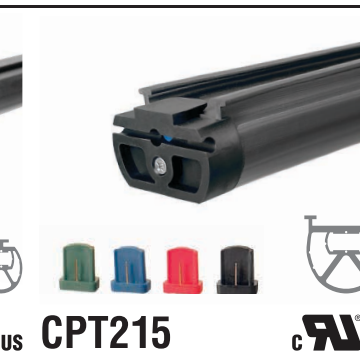



SENSING EDGES: ROLLING DOORS

 <p>MC22 / MC271</p> <p>Uses: Rolling steel doors</p> <p>Size: 2"W x 2"H 51 mm W x 51 mm H</p> <p>Configuration:    </p> <p>Wire Outlet: Left, right</p> <p>Color:     </p> <p>Mounting: Slides into a extruded aluminum bottom bar</p> <p>MC22-C7 mounting channel for 2-inch double-angle bottom bars</p>	 <p>MT21</p> <p>Uses: Rolling steel, rolling shutter doors</p> <p>Size: 1"W x 2"H 25 mm W x 51 mm H</p> <p>Configuration:    </p> <p>Wire Outlet: Universal, left, right</p> <p>Color:     </p> <p>Mounting: Between bottom bars</p>	 <p>MT22</p> <p>Uses: Rolling steel, rolling shutter[®] doors</p> <p>Size: 2"W x 2"H 51 mm W x 51 mm H</p> <p>Configuration:    </p> <p>Wire Outlet: Universal, left, right</p> <p>Color:     </p> <p>Mounting: Between bottom bars</p>
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SENSING EDGES: SECTIONAL & HANGAR DOORS

 <p>MU21</p> <p>Uses: Sectional, bi-fold doors</p> <p>Size: 1" W x 2"H 25 mm W x 51 mm H</p> <p>Configuration:    </p> <p>Wire Outlet: Universal, left, right</p> <p>Color:     </p> <p>Mounting: Mounting tabs</p>	 <p>MU22</p> <p>Uses: Sectional, bi-fold doors</p> <p>Size: 2"W x 2"H 51 mm W x 51 mm H</p> <p>Configuration:    </p> <p>Wire Outlet: Universal, left, right</p> <p>Color:     </p> <p>Mounting: Mounting tabs</p>	 <p>MU33</p> <p>Uses: Large sectional, bi-fold doors</p> <p>Size: 3"W x 3"H 76 mm W x 76 mm H</p> <p>Configuration:    </p> <p>Wire Outlet: Universal, left, right</p> <p>Color:     </p> <p>Mounting: Mounting tabs</p>	 <p>MUxx</p> <p>Uses: Large sectional, bi-fold, hangar doors</p> <p>Size: Custom W x H</p> <p>Configuration:    </p> <p>Wire Outlet: Universal, left, right</p> <p>Color:     </p> <p>Mounting: Mounting tabs</p>
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ASSEMBLE-IN-THE-FIELD


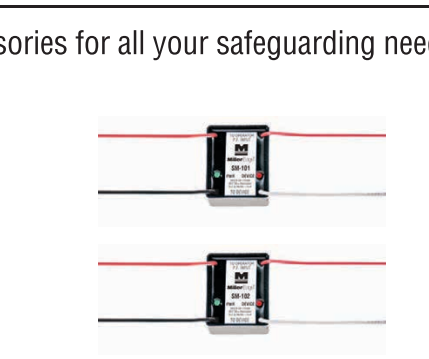



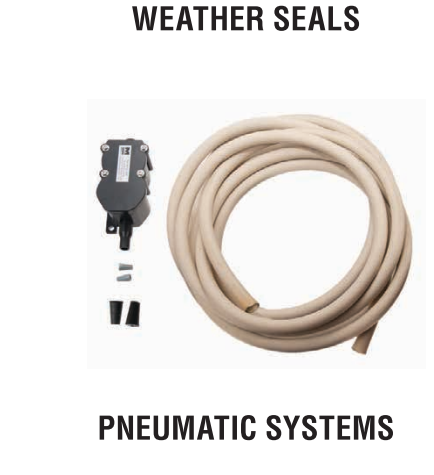
 <p>CPT210</p> <p>Uses: Countertop doors and grilles</p> <p>Size: 7/8"W x 1-1/8"H 23 mm W x 28 mm H</p> <p>Configuration:  </p> <p>Wire Outlet: Universal</p> <p>Color: </p> <p>Mounting Channels: ME210-C3, ME210-C7</p>	 <p>CPT215</p> <p>Uses: Sectional, rolling steel, bi-fold, tilt, countertop doors and grilles</p> <p>Size: 1-11/16"W x 1-5/8"H 42 mm W x 41 mm H</p> <p>Configuration:  </p> <p>Wire Outlet: Universal</p> <p>Color: </p> <p>Mounting Channels: ME123-C, ME123-C1, ME123-C2175, ME123-C3, ME123-CA3, ME123-C7</p>
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WIRELESS

 <p>RBAND for DOORS</p> <p>MONITORED WIRELESS EDGE SYSTEM</p> <p>Model: RB-P-K10C</p> <p>Configuration: </p> <p>Benefits: Bi-directional link improves immunity to RF interference</p> <p>Operating range of 50 ft. nominal; 100 ft. optimal conditions</p>	 <p>MW WIRELESS</p> <p>NON-MONITORED WIRELESS EDGE SYSTEM</p> <p>Models: MWRT12B, MWRTA12B with low battery alarm</p> <p>Configuration: </p> <p>Benefits: Range of 50 ft. nominal; 100 ft. optimal conditions</p> <p>Non-monitored for pre-2010 commercial door operators</p> <p>* Two-Channel edge system also available. Includes: MWR22B paired with MWRT12B and/or MWRTA12B.</p>
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ACCESSORIES

A complete collection of accessories for all your safeguarding needs.

 <p>EDGE TESTER</p>	 <p>SIGNATURE MODULES</p>	 <p>WEATHER SEALS</p>
 <p>ELECTRICAL COMPONENTS</p>	 <p>AIR-WAVE SYSTEMS</p>	 <p>PNEUMATIC SYSTEMS</p>