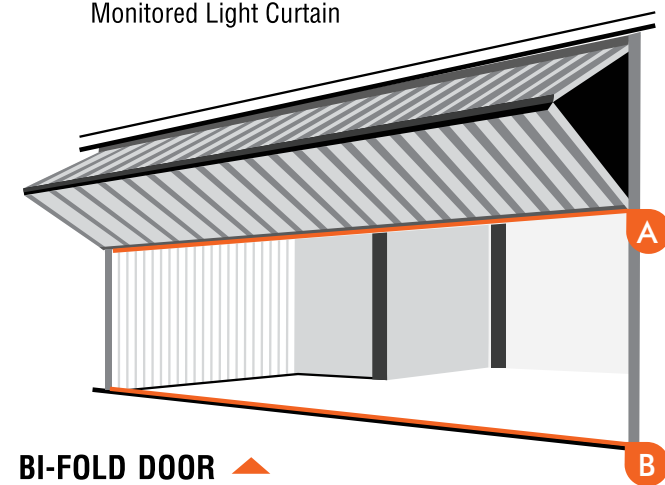## SECTIONAL DOOR

Hazard Zones:
A. Leading Edge/Bottom of Door
B. Interior

Suggested Products:
A. ME112, ME113, ME116, ME117, ME120, ME123, CPT223, MU21, MU22, Clima-GUARD™, Patriot® T2
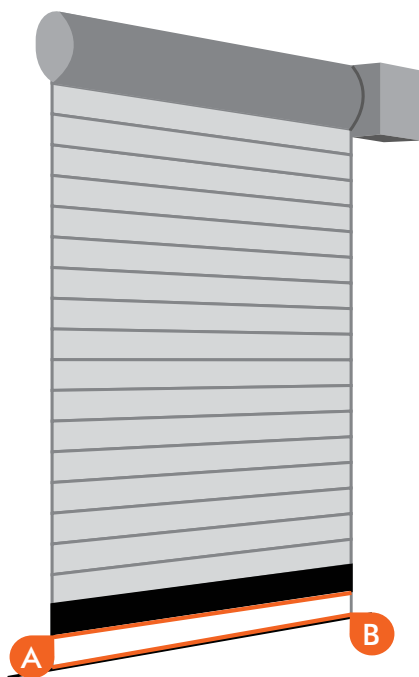B. Rebel, Prime-GUARD™, Reflecti-GUARD™, Monitored Light Curtain

ROLLING STEEL DOOR
WITH DOUBLE ANGLE BOTTOM BAR

Hazard Zones:
A. Leading Edge/Bottom of Door
B. Interior

Suggested Products:
A. MT21, MT22, ME120, ME123, CPT210, CPT223, Clima-GUARD™, Patriot® Z2
B. Rebel, Prime-GUARD™, Reflecti-GUARD™, Monitored Light Curtain

BI-FOLD DOOR

Hazard Zones:
A. Leading Edge/Bottom of Door
B. Interior

Suggested Products:
A. ME123, Clima-GUARD™, MU21, MU22, MUxx
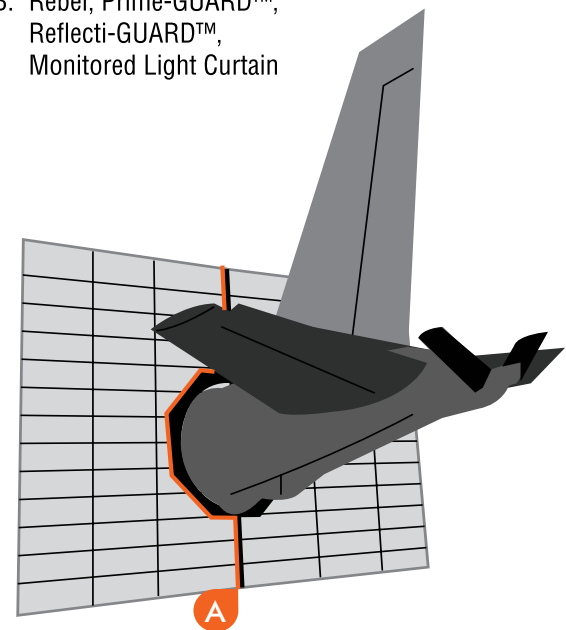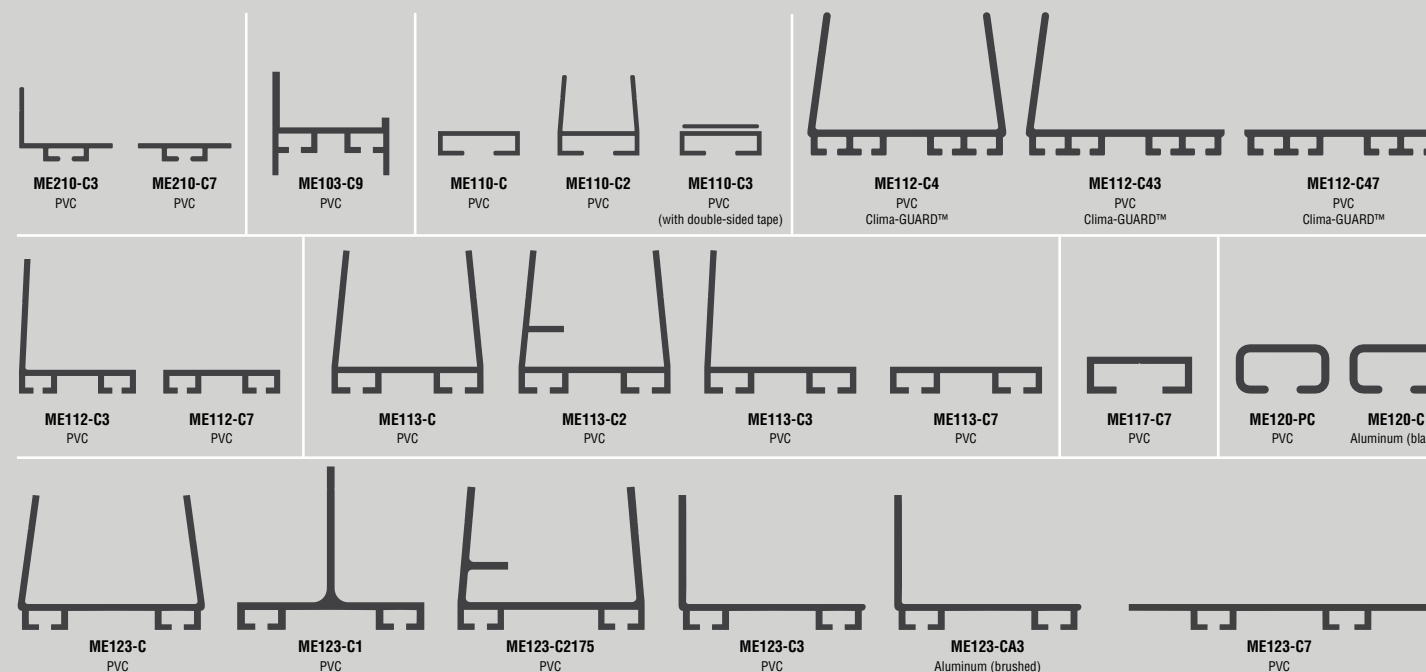B. Rebel, Prime-GUARD™, Reflecti-GUARD™, Monitored Light Curtain

HANGAR DOOR

Hazard Zones:
A. Leading Edge of Doors

Suggested Products:
A. MUxx

MOUNTING CHANNELS

ME210-C3 PVC	ME210-C7 PVC	ME103-C9 PVC	ME110-C PVC
ME110-C2 PVC	ME110-C3 PVC (with double-sided tape)	ME112-C4 PVC Clima-GUARD™	ME112-C43 PVC Clima-GUARD™
ME112-C47 PVC Clima-GUARD™			
ME112-C3 PVC	ME112-C7 PVC	ME113-C PVC	ME113-C2 PVC
ME113-C3 PVC	ME113-C7 PVC	ME117-C7 PVC	ME120-PC PVC
ME120-C Aluminum (black)			
ME123-C PVC	ME123-C1 PVC	ME123-C2175 PVC	ME123-C3 PVC
ME123-CA3 Aluminum (brushed)	ME123-C7 PVC		

ACCESSORIES

- Transmitters & Receivers
- Controllers
- Coil Cords
- Junction Boxes
- Interface Modules
- Motion Sensors
- Air-Wave Switches
- Pneumatic Switches

SIGNATURE MODULE

Model: SM-10x

Configuration:

Features:
- For use with DC and 10K sensing edges, SM-10x emulates a monitored pulsed signal required by some door operators

AIR-WAVE SWITCHES

Model: AW-10, AW-12, AW-14, AW-14RF

Features:
- Low cost
- Adjustable sensitivity
- Wireless options available
- Compatible with doors up to 60' in length

EDGE TESTER

Model: MET-101

Features:
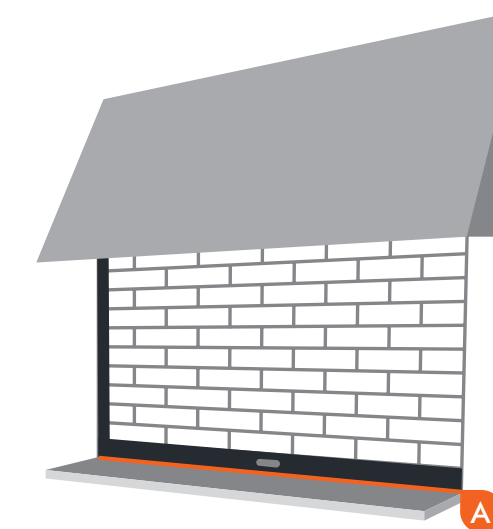- Determines sensing edge operation and wiring configurations in the field
- Auto shut-off

201911

DOOR SAFETY

MAKING YOUR WORLD
A SAFER PLACE

MillerEdge®

ENTRAPMENT & HAZARD ZONE PROTECTION

Illustrations show common entrapment and hazard zones to consider, however each installation is unique. Be sure to consider all potential safety hazards and incorporate appropriate Miller Edge guarding into your overall door design.

COUNTER TOP GRILLE

Hazard Zones:
A. Leading Edge/Bottom of Door

Suggested Products:
A. ME110, ME111, ME113, ME120, ME123, CPT210, Patriot® Z2

COUNTER TOP DOOR

Hazard Zones:
A. Leading Edge/Bottom of Door

Suggested Products:
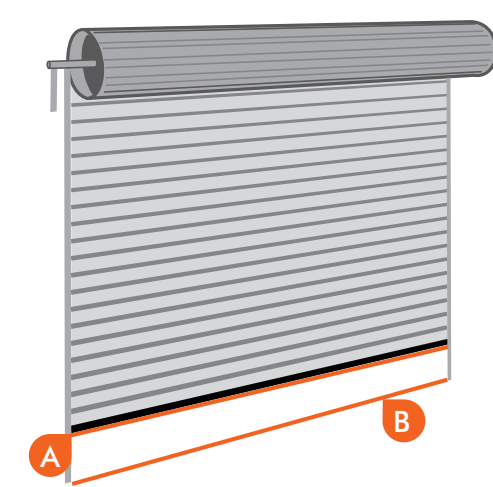A. ME110, ME111, ME113, ME120, ME123, CPT210, Patriot® Z2

ONE-PIECE STYLE TILT DOOR
(CALIFORNIA STYLE)

Hazard Zones:
A. Leading Edge/Bottom of Door
B. Interior

Suggested Products:
A. ME120, ME123, CPT223, MGO20
B. Rebel, Prime-GUARD™, Reflecti-GUARD™, Monitored Light Curtain

ROLLING SHUTTER DOOR

Hazard Zones:
A. Leading Edge/Bottom of Door
B. Interior

Suggested Products:
A. MT21, MT22, Partriot® Z2
B. Rebel, Prime-GUARD™, Reflecti-GUARD™, Monitored Light Curtain

ME103
Uses: High Temp Oven/Sterilizer Doors
Size: 1-9/16"H x 1"W
40 mm H x 25 mm W
Configuration:
Wire Outlet: End, left, right
Color: ●
Mounting Channel: ME103-C9

ME110
Uses: Counter Shutters, Grilles
Size: 3/4"H x 7/8"W
18 mm H x 23 mm W
Configuration:
Wire Outlet: End, left, right
Color: ●
Mounting Channels: ME110-C, ME110-C2, ME110-C3

ME111
Uses: Counter Shutters, Grilles
Size: 1-1/2"H x 7/8"W
37 mm H x 22mm W
Configuration:
Wire Outlet: End, left, right
Color: ●
Mounting Channels: ME110-C, ME110-C2, ME110-C3

ME112
Uses: Sectional Doors, Grilles
Size: 1-1/2"H x 1-5/16"W
38 mm H x 34 mm W
Configuration:
Wire Outlet: End, left, right
Color: ●
Mounting Channels: ME112-C3, ME112-C7

ME113
Uses: Sectional Doors, Grilles
Size: 1-9/16"H x 1-1/2"W
39 mm H x 38 mm W
Configuration:
Wire Outlet: Universal, end, left, right
Color: ●
Mounting Channels: ME113-C, ME113-C2, ME113-C3, ME113-C7

ME116
Uses: Sectional Doors
Size: 1-1/2"H x 1-13/16"W
39 mm H x 46 mm W
Configuration:
Wire Outlet: Universal, end, left, right
Color: ●
Mounting: Slides into bottom section

ME117
Uses: Sectional Doors
Size: 2"H x 1-7/8"W
51 mm H x 48 mm W
Configuration:
Wire Outlet: Universal
Color: ●
Mounting Channel: ME117-C7

Clima-GUARD™
Uses: Commercial Doors, Grilles
Size: 3"H x 2-1/4"W
76 mm H x 57 mm W
Configuration:
Wire Outlet: End, left, right
Color: ● ●
Mounting Channels: ME112-C4, ME112-C43, ME112-C47

ME120
Uses: Commercial Doors, Counter Shutters
Size: 1-15/16"H x 1-7/16"W
49 mm H x 36 mm W
Configuration:
Wire Outlet: End, left, right
Color: ● ●
Mounting Channels: ME120-C, ME120-PC

ME123
Uses: Commercial Doors, Grilles
Size: 1-1/2"H x 1-7/8"W
38 mm H x 48 mm W
Configuration:
Wire Outlet: Universal, end, left, right
Color: ● ●
Mounting Channels: ME123-C, ME123-C1, ME123-C2175, ME123-C3, ME123-CA3, ME123-C7

MGO20
Uses: Commercial Doors, One-Piece Tilt Doors
Size: 1-15/16"H x 1-7/16"W
49 mm H x 36 mm W
Configuration:
Wire Outlet: End, left, right
Color: ● ●
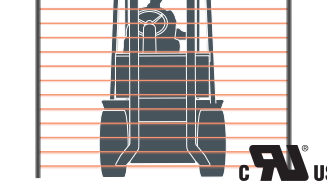**Mounting Channels:** ME120-C, ME120-PC

PATRIOT® Z2
Monitored Thru-Beam Photo Eye
Uses: Rolling Steel Doors, Counter Top Doors/Grilles
Model: MIRM-Z2 (monitored) MIRF-Z2 (fail safe)
Configuration:
Features:
• 30' (9 m) and 50' (15 m) range models
• Mounts between bottom bars

PATRIOT® T2
Monitored Thru-Beam Photo Eye
Uses: Sectional Doors
Model: MIRM-T2 (monitored) MIRF-T2 (fail safe)
Configuration:
Features:
• 30' (9 m) and 50' (15 m) range models

MONITORED LIGHT CURTAIN
Thru-Beam Light Curtain
Uses: Commercial Doors, Fast Acting Doors
Model: MLC (monitored) LC (non-monitored)
Configuration:
Options: 3' (1 m) or 6' (2 m) models
Features:
• Indoor/outdoor
• 32' range
• Mounting brackets included

CONFIGURATIONS

MONITORED
Photo optics, accessories, and sensing edges can be configured to be monitored by operator controls.

ELECTRIC
Electric edges contain two conductive strips. When the sensor is compressed, the conductive elements come into contact, which sends an electric signal to the motor.

AIR-WAVE
Air-Wave edges are non-monitored, feature adjustable sensitivity, and are a low-cost option when a non-electric edge is preferred. Air-wave edges contain a flexible hose, which is connected to an air switch that—when compressed—sends a signal to the motor.

PNEUMATIC
Pneumatic edges are non-monitored and offer a reliable alternative to the standard electric edge. They contain a flexible hose, which is connected to a pneumatic switch that—when compressed—sends a signal to the motor.

SENSING EDGES: DIRECT MOUNT STYLE
ASSEMBLE-IN-THE-FIELD
WEATHER-SEAL
PHOTO OPTICS

MC22
Uses: Rolling Steel Doors
Size: 2"H x 2"W
51 mm H x 51 mm W
Configuration:
Wire Outlet: Left, right
Color: ● ● ● 🐝 XGS
Mounting: Slides into extruded aluminum bottom bar

MU21
Uses: Sectional Doors
Size: 1" H x 2"W
25 mm H x 51 mm W
Configuration:
Wire Outlet: Universal, end, left, right
Color: ● ● ● 🐝 XGS
Mounting: Mounting tabs

MU22
Uses: Sectional Doors
Size: 2"H x 2"W
51 mm H x 51 mm W
Configuration:
Wire Outlet: Universal, end, left, right
Color: ● ● ● 🐝 XGS
Mounting: Mounting tabs

MUxx
Uses: Large Commercial Doors
Size: Custom H x W
Configuration:
Wire Outlet: Universal, end, left, right
Color: ● ● ● 🐝 XGS
Mounting: Mounting tabs

MT21
Uses: Rolling Fire Doors
Size: 1" H x 2"W
25 mm H x 51 mm W
Configuration:
Wire Outlet: Universal, end, left, right
Color: ● ● ● 🐝 XGS
Mounting: Between bottom bars

MT22
Uses: Rolling Steel Doors
Size: 2"H x 2"W
51 mm H x 51 mm W
Configuration:
Wire Outlet: Universal, end, left, right
Color: ● ● ● 🐝 XGS
Mounting: Between bottom bars

CPT210
Uses: Counter Shutters, Grilles
Size: 1-1/8"H x 7/8"W
28 mm H x 23 mm W
Configuration:
Wire Outlet: Universal
Color: ●
Mounting Channels: ME210-C3, ME210-C7

CPT223
Uses: Commercial Doors, Grilles
Size: 1-5/8"H x 1-11/16"W
41 mm H x 42 mm W
Configuration:
Wire Outlet: Universal
Color: ●
Mounting Channels: ME123-C, ME123-C1, ME123-C2175, ME123-C3, ME123-CA3, ME123-C7

LOOP SEAL
Uses: Sectional Doors
Model:
LS-0101: 3-1/2" (89mm) Black
LS-0101Y: 3-1/2" (89mm) Yellow
LS-0107: 7" (178mm) Black
LS-0107Y: 7" (178mm) Yellow
Color: ● ●
Mounting Channels:
Depending on application, any ME123 or ME113 mounting channel

BULB SEAL
Uses: Rolling Steel Doors
Size: 1-1/2"H x 1-1/4"W
38 mm H x 32 mm W
Model: BS-0101 - Black
BS-0101Y - Yellow
Color: ● ●
Mounting: Between bottom bars

REBEL
Monitored Thru-Beam Photo Eye
Uses: Commercial Doors
Model: MIRM-S2 (monitored) MIRF-S2 (fail safe)
Configuration:
Features:
• Indoor/outdoor
• 30' (9 m) and 50' (15 m) range models
• Vertical or horizontal mounting

Prime-GUARD™
Monitored Thru-Beam Photo Eye
Uses: Commercial Doors
Model: PG
Configuration:
Options: 50' (15 m) and 100' (30 m) range models
Features:
• Indoor/outdoor
• Wireless battery powered emitter
• Optional fail safe configuration

Reflecti-GUARD™
Monitored Reflective Photo Eye
Uses: Commercial Doors
Model: RG
Configuration:
Features:
• Indoor/outdoor
• 30' (9 m) range
• No batteries required
• Optional fail safe configuration
• Optional reflector hood accessory