



# Product Catalog

2024

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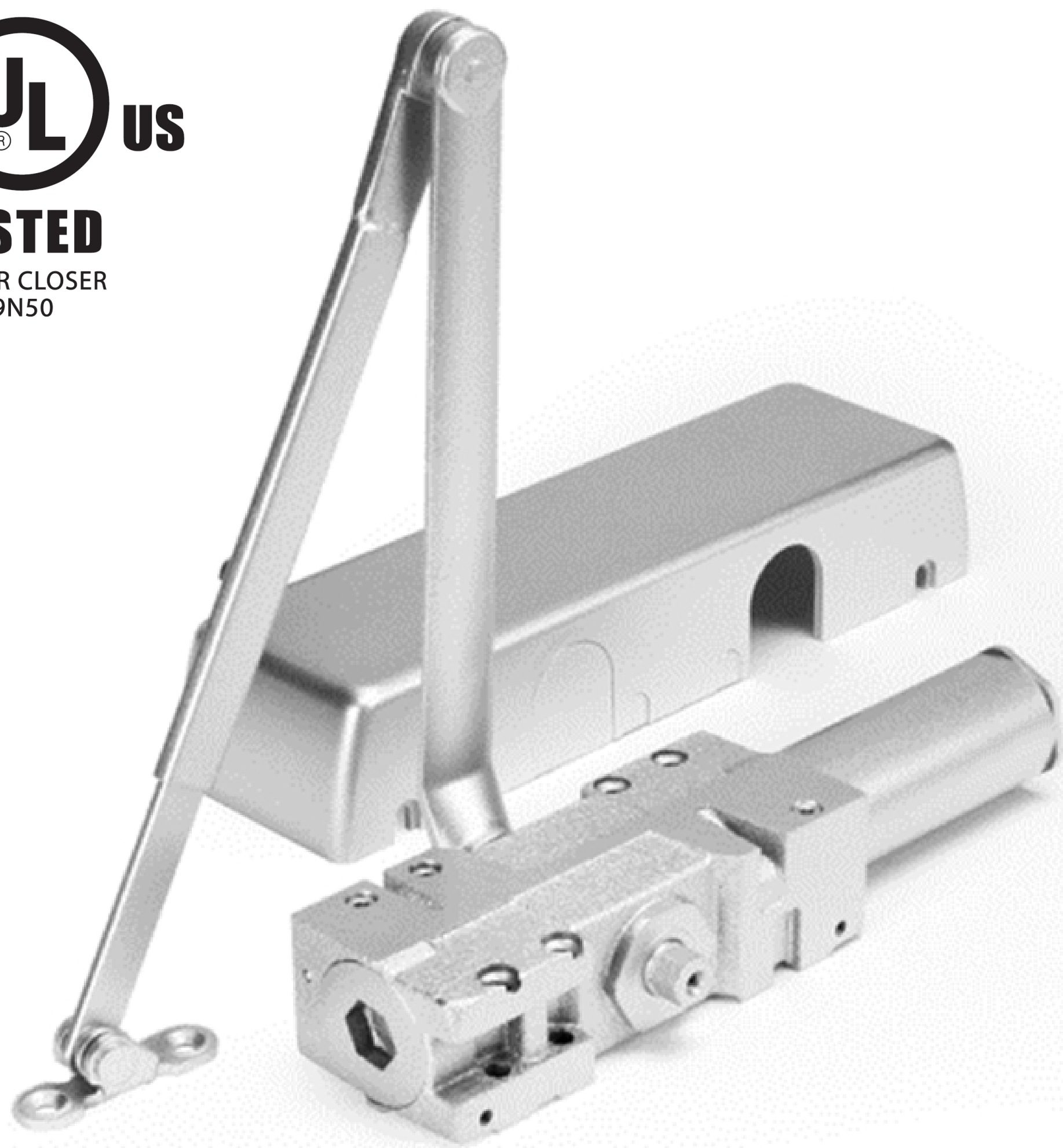
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# DOOR-CLOSER





The best series of hydraulic door closers from Movendo Concept.

Conforms to the highest industry standards, Grade 1

- Robust double pivot arms with extra silent action
- Multi-function commercial door closer with variable size for use in buildings, shopping centers and other commercial or institutional buildings
- Backcheck control
- Standard packaging includes a full plastic cover with bolts and screws
- Adjustable delayed closing/barrier-free for people with disabilities or seniors is available with the base model

Heavy-duty door closer designed for commercial, industrial and institutional doors. UL and Grade 1 certified, 2 million cycles. Adjustable closing and latching speed. Adjustable engagement speed, delayed action included. Meets accessibility standards.

**Technical Information**

Maximum width of door	1400mm
Maximum weight of door	15-150kg
Backcheck control	Yes
Delayed action	Yes
Maximum angle of opening	180°
Hold open	Optional (with OBHOSPRING arm)
Fire rated	Yes, Fire rated door closer UL 3 hours, ANSI Grade 1
Closing speed adjustment	Speed 1: Closing cycle at 10° Speed 2: Closing cycle between 10 and 0°
Tolerated temperatures	-30°C to 60°C
Door handing	Left and Right
Finish	Silver
Dimensions (mm)	280 x 70 x 51
Weight (kg)	5.42
Durability testing	2 000 000 cycles

**Packaging information**

Code	Material	Packaging	Box Dimension
OB03	Steel	4 / Box	34.5 x 23 x 23 cm

**Product Dimension**

Type	Length	Horizontal space between screws	Vertical space between screws	Depth
OB03	280 mm	127 mm	57 mm	51 mm

## OB03 Accessories

		
<b>OB18PA</b>	<b>OBHD</b>	<b>OBBLASS</b>
Mounting plate for parallel arm installation on a mullion less than 5 1/2" (minimum 2")	<ul style="list-style-type: none"> <li>• Heavy-duty parallel arm</li> <li>• Right and left hand</li> </ul>	Lower parallel arm shoe to clear 1/2" (13mm) blade stop
		
<b>OBHO</b>	<b>OBHOSPRING</b>	<b>OBCUSS</b>
<ul style="list-style-type: none"> <li>• Super rigid parallel arm stopper with hold-open</li> <li>• Non-handed</li> </ul>	<ul style="list-style-type: none"> <li>• Super rigid parallel arm cushion stopper with hold-open</li> <li>• Non-handed</li> </ul>	Provide anchorage for fifth screw used with CUSH arms where reveal is less than 3-1/16" (78mm)
		
<b>OBSPRING</b>	<b>OBFHO</b>	
<ul style="list-style-type: none"> <li>• Super rigid parallel arm stopper</li> <li>• Non-handed</li> </ul>	<ul style="list-style-type: none"> <li>• Hold-open arm with parallel bracket</li> <li>• Non-handed</li> </ul>	



**Characteristics:**

- Hydraulic aluminum door closer
- ANSI A156.4 Grade 1: UL approved for fire door assemblies
- Universal application.
- Non-sized, SIZE 1 to 6 FACTORY-PRESET AT 3
- Closing and latching speed adjustable by two regulating screws
- Adjustable delayed action (DA). Factory preset for closing in approximately 20 seconds, between 70° and 0°
- Barrier-free ADA compliant. Size 1 to 6
- Designed with reduced spring power to facilitate opening for disabled or elderly individuals

Heavy-duty door closer for commercial doors. UL certified for 3 hours fire resistance. Cast aluminum body. Steel arm, optional hold-open arm. Adjustable closing and latching speed. Adjustable backcheck. Delayed action included. Meets accessibility standards.

**Technical Information**

Maximum door width	1400mm
Maximum door weight	15-150kg
Backcheck control	Yes
Delayed Action	Yes
Maximum opening angle	180°
Hold-open	Optional (with 90HOSPRING arm)
Fire Rated	Yes, Fire rated door closer UL 3 hours, ANSI Grade 1
Closing Speed Adjustment	Speed 1: Closing cycle at 10° Speed 2: Closing cycle between 10 and 0°
Tolerated Temperatures	-30°C to 60°C
Door Handing	Left or Right
Finish	Silver
Dimension (mm)	302 x 51 x 61
Weight (kg)	3.20kg
Durability Testing	2 000 000 cycles







**Packaging Information**

Code	Material	Package	Box Dimension
9016	Aluminum	6 / Box	37.5 x 34 x 17.5 cm

**Product Dimension**

Type	Length	Horizontal space between screws	Vertical space between screws	Depth
9016	302 mm	283.5 mm	28.6 mm	61 mm

## 9016 Accessories

		
<p><b>9018PA</b></p>	<p><b>90HO</b></p>	<p><b>90BLASS</b></p>
<ul style="list-style-type: none"> <li>• Mounting plate for parallel arm installation on a transom less than 5 1/2" (minimum 2")</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy-duty parallel arm with hold open</li> <li>• Non-handed</li> </ul>	<ul style="list-style-type: none"> <li>• Lower parallel arm shoe to clear 1/2" (13mm) blade stop</li> </ul>
		
<p><b>90SPRING</b></p>	<p><b>90COV</b></p>	<p><b>90CUSS</b></p>
<ul style="list-style-type: none"> <li>• Heavy-duty parallel arm with integrated stop</li> <li>• Non-handed</li> </ul>	<ul style="list-style-type: none"> <li>• Replacement cover for 9016 closer</li> </ul>	<ul style="list-style-type: none"> <li>• Provide anchorage for fifth screw used with CUSH arms where reveal is less than 3-1/16" (78mm)</li> </ul>



**Features:**

- Heavy-duty cast aluminum hydraulic door closer with adjustable closing speed
- Factory tested to meet or exceed ANSI A156.4 Grade 1 standard.
- Fully adjustable from 1 to 4, (ADA). For a door weight range of 30 to 185 lbs.
- Standard all-plastic cover (2 5/8" L x 3" H x 10 1/8" L)
- Universal mounting - Standard size #4 mounting holes. (9-1/16")
- Available finishes: Aluminum
- Dual adjustment, closing and latching speed controlled by two separate screws.
- Non-handed, designed for all standard installations.

Heavy-duty door closer, UL 10c certified. Compliant with ANSI 156.4. Grade 1 tested for 2 million cycles. Durable cast aluminum housing. Delayed closing included. Narrow profile. Non-handed for standard installation on top jamb.

**Technical Information**

Maximum door width	1100mm
Maximum door weight	15-85kg
Backcheck control	Yes
Delayed Action	Yes
Maximum opening angle	180°
Hold-open	No
Fire-rated	Yes, Fire rated door closer UL 3 hours, ANSI Grade 1
Closing speed adjustment	Speed 1: Closing cycle at 10° Speed 2: Closing cycle between 10 and 0°
Tolerated Temperatures	-30°C to 60°C
Door Handing	Left or Right
Finish	Silver
Dimension (mm)	248 x 44.5 x 72
Weight (kg)	2.36kg
Durability Testing	2 000 000 cycles

**Packaging Information**

Code	Material	Package	Box Dimension
5014	Aluminum	10 / Box	50.3 x 29.5 x 18.5 cm

**Product Dimension**

Type	Length	Horizontal space between screws	Vertical space between screws	Depth
5014	248 mm	230 mm	19 mm	72 mm



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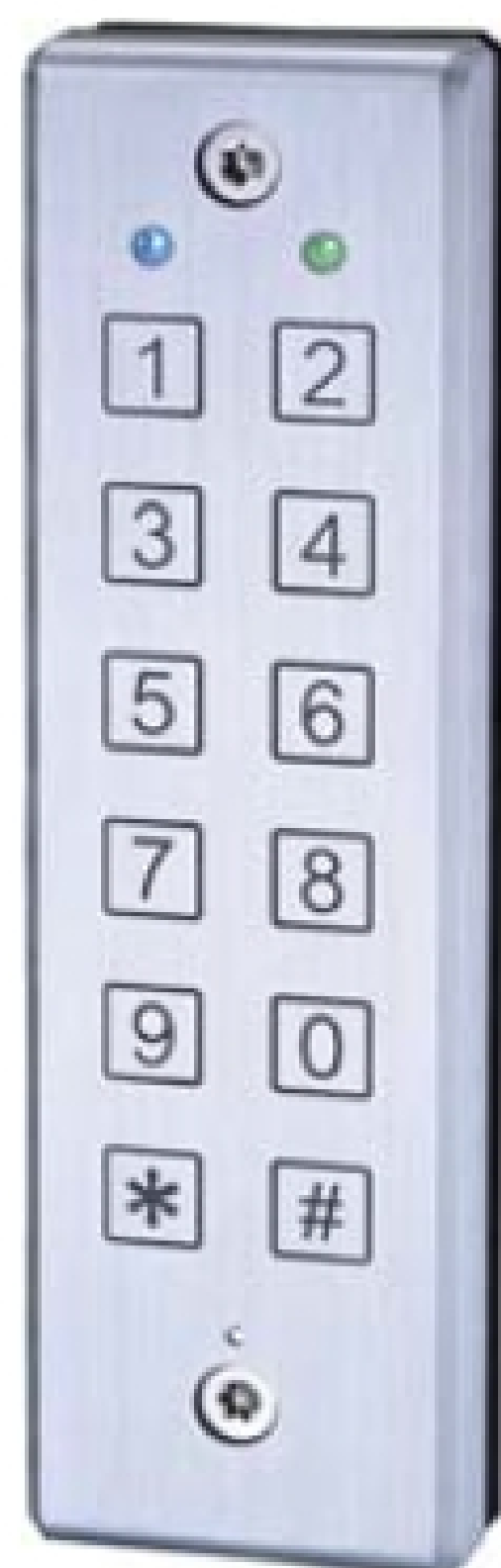
# ELECTRIFIED HARDWARE

positions  
raires



### DG-160

Card reader with standalone backlit keyboard



### DG-185

Standalone numeric keypad with controller



### DG-187

Numeric keypad with independent controller

Simplicity, security, and durability come together in our commercial-grade aluminum keypads. Designed to provide a convenient and reliable access solution, our keypads are perfect for commercial and institutional environments.

### Technical Information

Model	Voltage	Current Draw	Users	PIN	Inputs	Outputs	Mat.
DG-160	12 to 24 VAC/DC	60mA Pull-in, 20mA Holding at 12VDC; 50mA Pull-in, 20mA Holding at 24VDC	1000+10	4 Chiffres	2 REX 1 détecteur	2 relais	Alliage alum.
DG-185	12 to 24 VAC/DC	60mA Pull-in, 20mA Holding at 12VDC; 50mA Pull-in, 20mA Holding at 24VDC	1000+10	4 ou 6 Chiffres	2 REX 1 détecteur	2 relais (NC/COM/NC) 2A/30VDC max.	Alliage alum.
DG-187	12 to 24 VAC/DC	120mA Pull-in, 60mA Holding at 12VDC; 70mA Pull-in, 40mA Holding at 24VDC	1000+10	4 ou 6 Chiffres	2 REX 1 détecteur 1 alarme anti-vandal	2 relais (NC/COM/NC) 3A/30VDC max.	Alliage alum.

### DG-160 Characteristics

- 3 access modes: Card only, User code only, or Card and User code only
- LED indicators and built-in buzzer for feedback on programming status
- Keypad lockout in case of tampering
- Integrated tamper switch/sensor
- Backlit keys for improved visibility and usability

### DG-185 and DG-187 Characteristics

- Designed with piezo keypad technology
- Optical tamper sensor for enhanced security
- Keypad lockout in case of tampering
- Multicolored LEDs and built-in buzzer for programming status feedback
- Door sensor input for anti-tailgating operation to ensure increased security
- Non-volatile memory protects programmed information in case of power loss
- Adjustable relay output time from 1 to 99 seconds or toggle mode (on/off)
- Dual relays to control door lock and other security devices



**GD900F**



**GD900WE**



**GD900W**



**GD900WS**

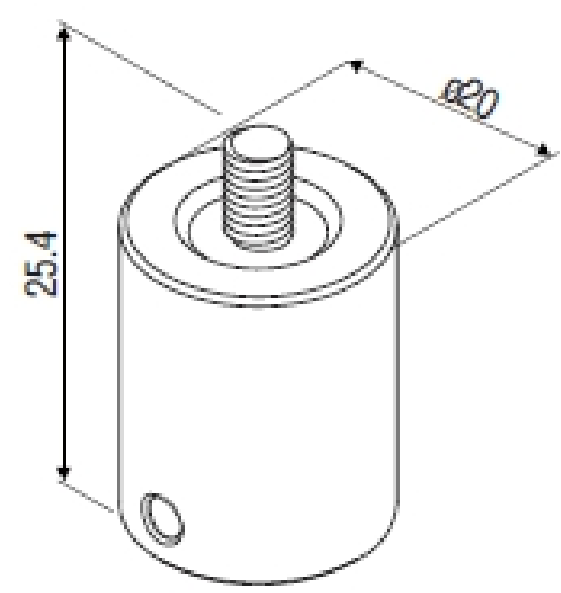


**GD970**

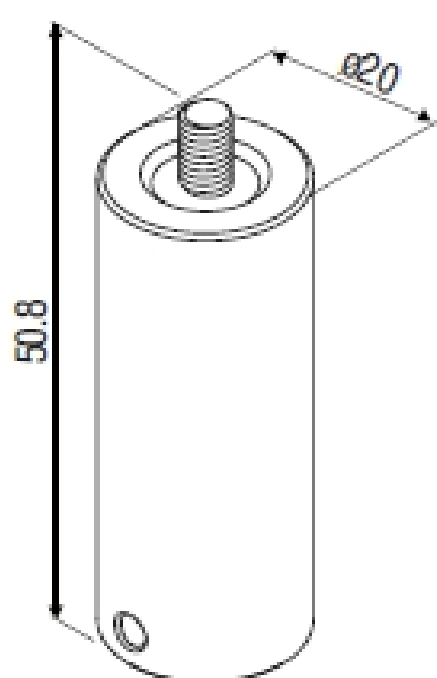


**GD970S**

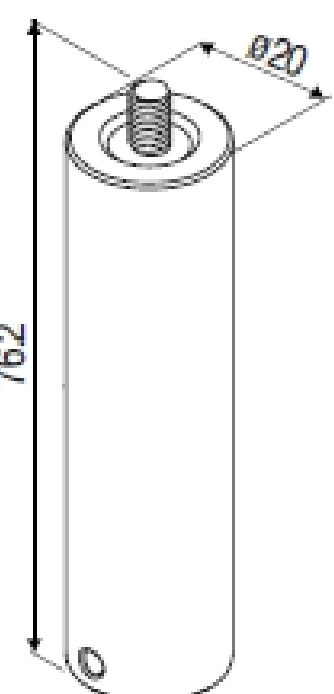
**HG-1**



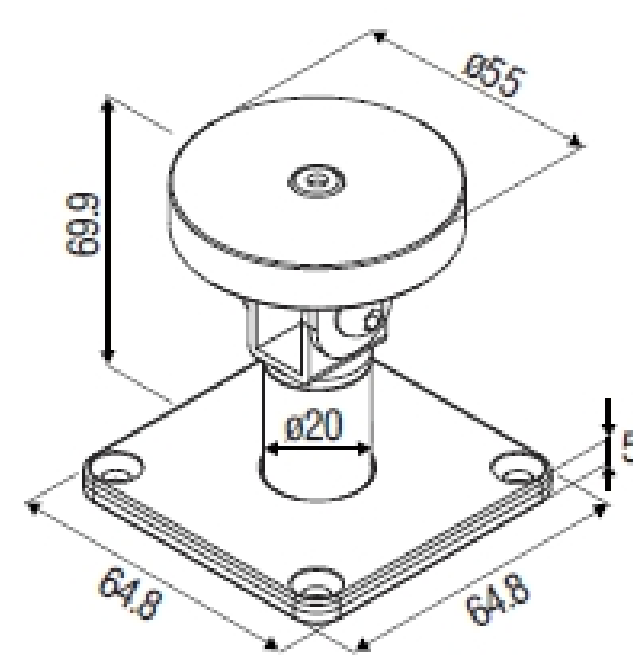
**HG-2**



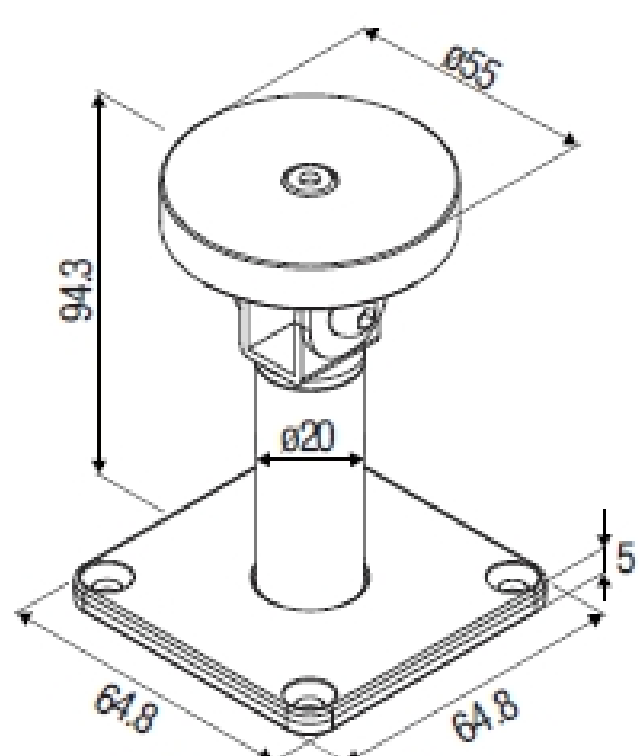
**HG-3**



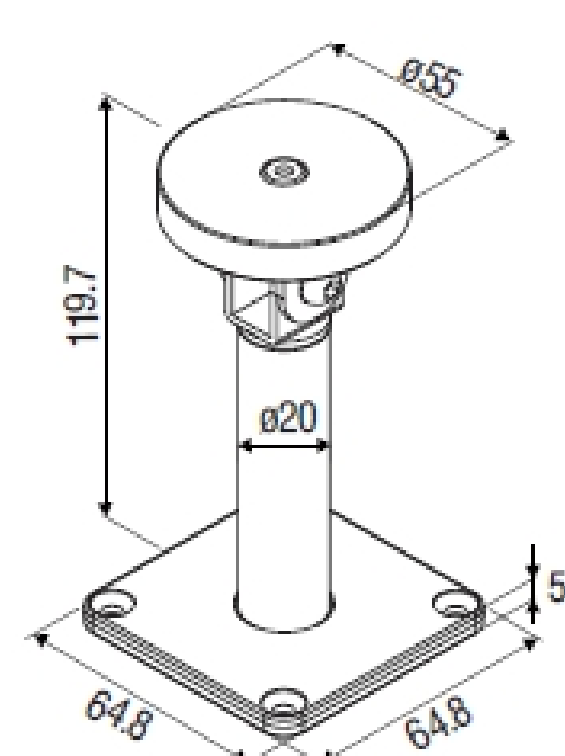
**ABHG-1**



**ABHG-2**



**ABHG-3**



The Movendo Concept electromagnetic door holders are designed for use with fire-rated and smoke-rated doors with automatic closure. They are typically used either independently or with any fire detection or smoke detection system. Our holders are commonly found in hospitals, schools, and public buildings. Additionally, our electromagnetic door holders can also be operated manually for safety and convenience reasons.

### Informations techniques

Model	Voltage	Current Draw	Force(lbs)	Release button	LED
GD900F	24 VAC/DC	120mA/12VDC 60mA/24VDC	80	●	
GD900WE	24 VAC/DC	120mA/12VDC 60mA/24VDC	80	●	●
GD900W	24 VAC/DC	120mA/12VDC 60mA/24VDC	80		
GD900WS	24 VAC/DC	120mA/12VDC 60mA/24VDC	80		
GD970	12/24VDC 110VAC/220VAC	130mA/14VDC 145mA/24VDC	32.9 38.8		
GD970S	12/24VDC 110VAC/220VAC	70mA/110VAC 50mA/220VAC	32.9 38.8		

### Characteristics

- Standard AC or DC voltage
- High holding force up to 80 pounds
- No residual magnetism
- Self-adjusting/swivel plate for easy installation
- Flush-mount/floor-mount/surface-mount options
- Extension rods for versatile usage
- Manual release button for door release at any time



**RM90/  
RM90M**

This electromagnetic door holder is designed to be used with automatic closing fire and smoke doors. It is typically used either independently or with any fire or smoke detection system. Our door holders are commonly used in hospitals, schools, and public buildings. This particular model is highly durable and prevents users from manually closing the doors.

**Technical Information**

Model	Voltage	Current Draw	Force(lbs)	Installation	LED
RM90	24 VDC 12/24VDC	250mA/24VDC 200mA/12VDC	550	Surface	No

**Characteristics**

Voltages:

Single voltage 24 VDC (12 VDC available upon special request)

Dual voltage 12/24 VDC

- Holding force of 550 pounds
- White finish
- Integrated link sensor (for RM90M)
- Fixed armature plate (Extension rod not available)



**GEM-1200**

### Models from 1200 Series



**GEM-1200M**



**GEM-1200MDS**



**GEM-1200MDS-TD-LD**

Discover our range of robust Grade 1 electromagnetic locks, designed to provide unmatched security in the most demanding environments. With their solid construction and exceptional reliability, these electromagnetic locks are the ultimate solution for enhancing the security of your space.

#### Technical Information

Model	Voltage	Current Draw	Force(lbs)
GEM-1200	12/24	500mA/12VDC 250mA/24VDC	1200

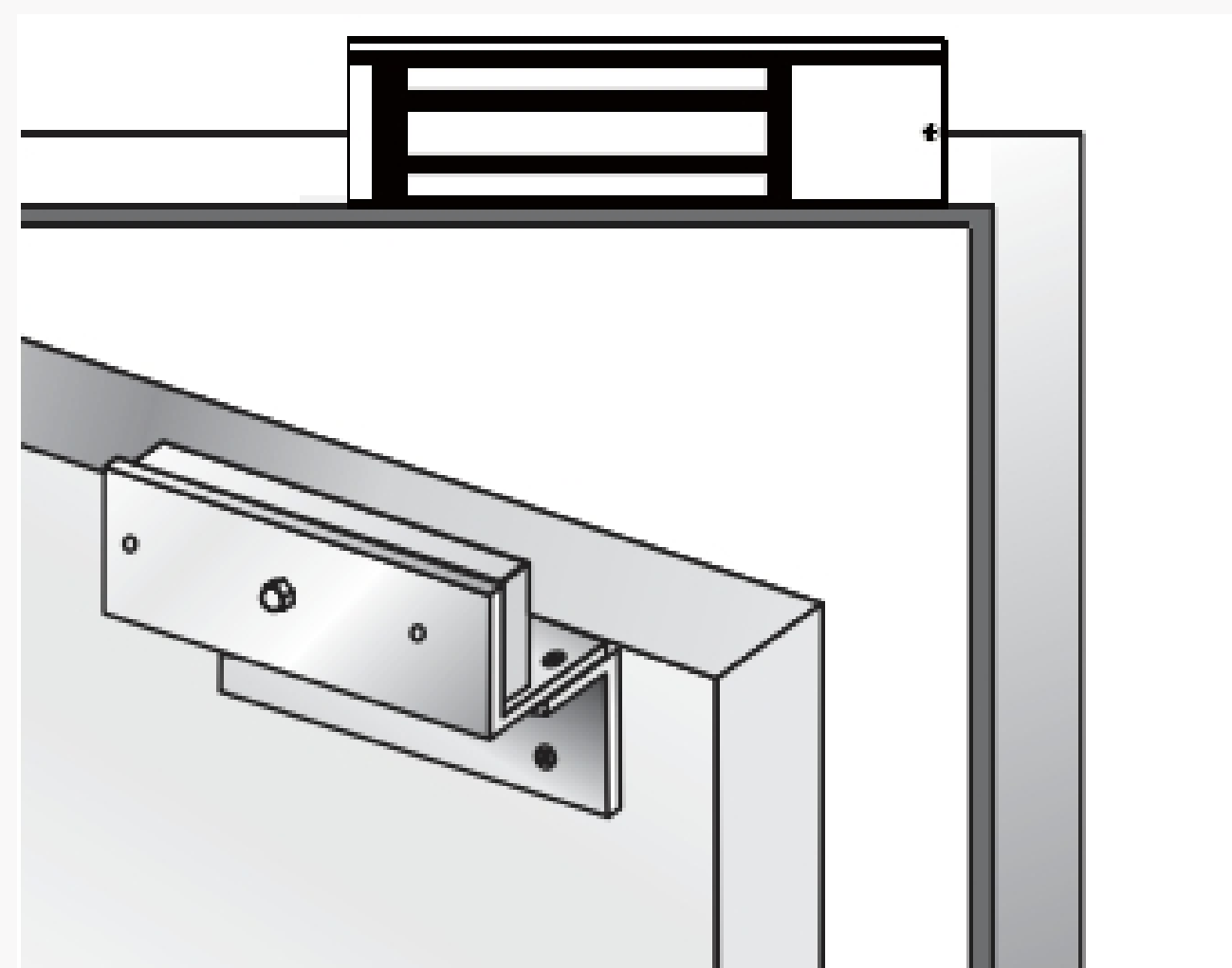
#### Options

- M: Link sensor and bicolor LED indicator
- DS: Door position sensor
- TD: Locking delay
- LD: Configurable oversized red/green LED

#### Characteristics

- Reversible magnet for right-hand or left-hand doors
- New mounting plate with increased stability (Patented)
- Anodized aluminum housing (US28)
- MOV prevents surges and current spikes
- Automatic selection of 12/24 VDC voltage
- No residual magnetism
- UL10B, UL10C, ULC S104, NF S 61-937

#### Accessories



**Mounting Support**  
**LZ-GEM-1200**



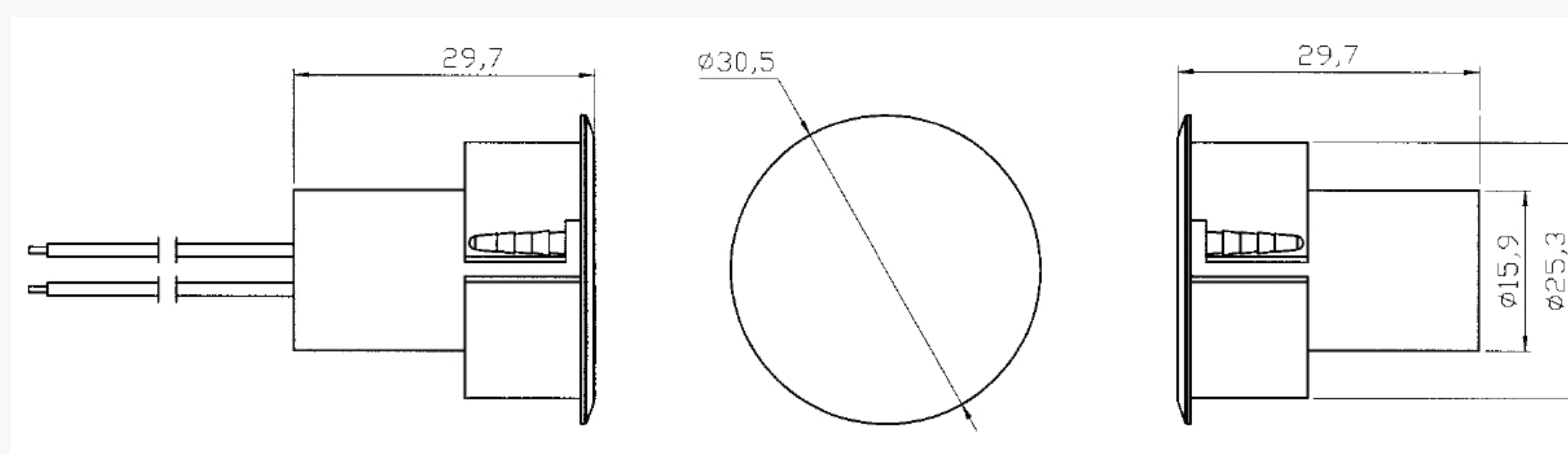
### GMC-1022

The GMC magnetic contacts from Movendo Concept allow access control systems to monitor the open or closed state of a door and are ideal for commercial or industrial applications.

#### Characteristics

- Loop Type: Closed
- Contact Type: Normally Open (N/O)
- Closed Gap (mm): 0.85 (22)
- Release Gap (mm): 0.95 (24)
- Maximum Initial Contact Resistance (Ohm): 0.150
- Maximum Contact Power (W): 7.5
- Maximum Switching Voltage (VDC/VAC): 100
- Maximum Switching Current (A): 0.4

#### Dimensions





### GK1300/1350



### GK1350 ST



### SW1300 (Optional)

The ANSI GK1300/1350 electric strikes series is designed to be used with robust mortise locks and cylindrical locks. It comes with five different faceplates and can be easily installed in aluminum, metal, or wooden door frames. An optional latch monitoring device is available.

#### Technical Information

Model	Voltage (VDC)	Current Draw	Static Force	Dynamic Force	Mat.
GK1300	12, 24 ou 12/24	250mA/12VDC or 150mA/24VDC 300mA/12VDC, 150mA/24VDC	1000 lbs	33 lbs	Stainless Steel
GK1350	12, 24 ou 12/24	250mA/12VDC or 150mA/24VDC 300mA/12VDC, 150mA/24VDC	1200 lbs	70 lbs	Zinc Alloy
GK1350 ST	12, 24 ou 12/24	250mA/12VDC or 150mA/24VDC 300mA/12VDC, 150mA/24VDC	1200 lbs	70 lbs	Stainless Steel

#### Characteristics

- Vertical adjustments allow alignment with a wide variety of mortise locks with offset bolts.
- The sliding lock tab design allows for adjustment up to 1/8" (3mm) for misaligned frames.
- Field reversible between "Fail Secure" or "Fail Safe".
- Hands-free design suitable for both right-handed and left-handed doors.
- Includes 5 brushed stainless steel faceplates (US32D).
- Accommodates 1" deadbolts.
- Optional bolt monitor SW1300 indicates when the door is locked.

#### Accessories

P-MI-GK 1300CT: Adjustment ring to fill holes in an existing installation.

P-FP-GK 1300I: Replacement front plate.



**GK310**



**GK321/321M**



**GK370**

The ANSI GK300 electric strike series is designed for use with cylindrical locks. It can be adapted to a wide range of applications and is field reversible for "Fail Safe" or "Fail Secure" operation.

### Technical Information

Model	Voltage (VDC)	Current Draw	Static Force	Latch Size	Mat.
GK310	12, 24 ou 12/24	280mA/12VDC or 140mA/24VDC 300mA/12VDC, 150mA/24VDC	1000 lbs	9/16" (15mm)	Zinc Alloy
GK321(M)	12, 24 ou 12/24	250 mA/12 VDC, 150 mA/24 VDC	1000 lbs	3/4" (19mm)	Zinc Alloy
GK370	12/24	300mA/12VDC, 150mA/24VDC	1500 lbs	9/16" (15mm)	Zinc Alloy

### Characteristics

- Non-handed, fully field reversible
- Field reversible from "Fail Safe" to "Fail Secure"
- Static strength: 1,000-1,500 pounds
- Endurance rating: 250,000 cycles tested by UL, 1,000,000 cycles tested in factory
- Deadbolt monitor (for models with M suffix)





**GK1276/  
GK1276M**



**GK1296/  
GK1296M**

The ANSI GK1276/1296 series of surface-mounted electric strikes offer robustness and durability. Designed to accommodate rim exit devices equipped with a Pullman-style latch bolt, it optionally features a deadbolt monitor and comes with a stainless steel housing. Its installation requires no cutting on the frame.

### Technical Information

Model	Voltage (VDC)	Current Draw	Latch Monitoring	Casing Depth	Accessory
GK1276	12/24	540mA/12VDC 270mA/24VDC	No	3/4" (19mm)	Spacer 1/16" (1 mm)
GK1276M	12/24	540mA/12VDC 270mA/24VDC	Yes	3/4" (19mm)	Spacer 1/16" (1 mm)
GK1296	12/24	540mA/12VDC 270mA/24VDC	No	1/2" (13mm)	Spacer 1/8" (3 mm)
GK1296M	12/24	540mA/12VDC 270mA/24VDC	Yes	1/2" (13mm)	Spacer 1/8" (3 mm)

### Characteristics

- Field-selectable 12 or 24VDC
- No frame cutting required - surface mount
- Hands-free and fully reversible
- Field-reversible between "Fail Secure" or "Fail Safe" modes
- UL 1034 Burglary Resistant Listed: BP10269
- Static strength of 1,500 pounds (680 kg)
- Dynamic strength of 70 foot-pounds
- Endurance rating: 250,000 cycles tested by UL, 1,000,000 cycles tested in the factory
- Brushed stainless steel finish (US32D)
- Deadbolt monitor (for model with suffix M)
- UL 10B/10C Fire Rated (up to 1.5 hours: in secure mode only)
- Compliant with CAN/ULC-S104 fire ratings



**GK450/  
GK480**



**GK451/  
GK481**

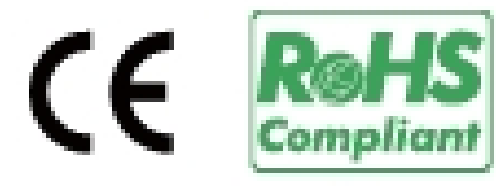
The ANSI GK450/480 electric strike series is designed for use with cylindrical locks and mortise locks without a deadbolt and can be installed in metal or wood door frames. It includes an optional deadbolt monitor and is field-reversible for operation in "Fail Safe" or "Fail Secure" mode.

### Technical Information

Model	Voltage (VDC)	Current Draw	Frame	Latch Length	Mat.
GK450ST	12/24	300mA/12VDC, 150mA/24VDC	Metal	9/16" (15mm)	Stainless Steel
GK451ST	12/24	300mA/12VDC, 150mA/24VDC	Wood	9/16" (15mm)	Stainless Steel
GK480ST	12/24	300mA/12VDC, 150mA/24VDC	Metal	3/4" (19mm)	Stainless Steel
GK481ST	12/24	300mA/12VDC, 150mA/24VDC	Wood	3/4" (19mm)	Stainless Steel

### Characteristics

- Field-reversible
- Field-reversible for "Fail Safe" or "Fail Secure" mode
- Static resistance of 1,500 pounds (680 kg)
- Dynamic resistance of 70 foot-pounds
- Endurance of 100,000 cycles tested by UL, 1,000,000 cycles tested in the factory
- Brushed stainless steel finish (US32D)
- Deadbolt monitor (optional)
- Listed as burglary-resistant according to UL 1034
- Listed as UL 294 access control system



## PSU-100

The Movendo Concept PSU (Power Supply Unit) enclosure is specifically designed to support electrified locks and access control systems. It can serve as an uninterruptible power source that provides backup electricity when the main power supply fails.

### Technical Information

Model	Voltage (IN)	Voltage (OUT)	Dimensions
PSU-100	120 VAC 230 VAC	2A/13.4 (24W) 2A/27.6(48W)	8 7/8" x 8 1/2" x 3 1/8" (226 x 216 x 80 mm)

### Characteristics

The PSU series power supplies are equipped with various protection functions:

- AC and DC overload protection
- DC short circuit protection
- DC thermal overload protection
- Reverse battery polarity protection

Standard features include:

- Filtered and regulated DC output
- Sealed lead-acid battery charging capability (battery not included, maximum battery size 12VDC/7AH)



**RTS-600F**



**RTS-600**

Equipped with infrared technology, the touchless plate allows activation without any physical contact. Designed for environments where hygiene is paramount, such as hospitals, restaurants, or laboratories, this stainless steel plate not only provides a safe and hygienic solution but also an elegant and durable design. Simplify access while maintaining the cleanliness and comfort of your spaces with our touchless activation plate.

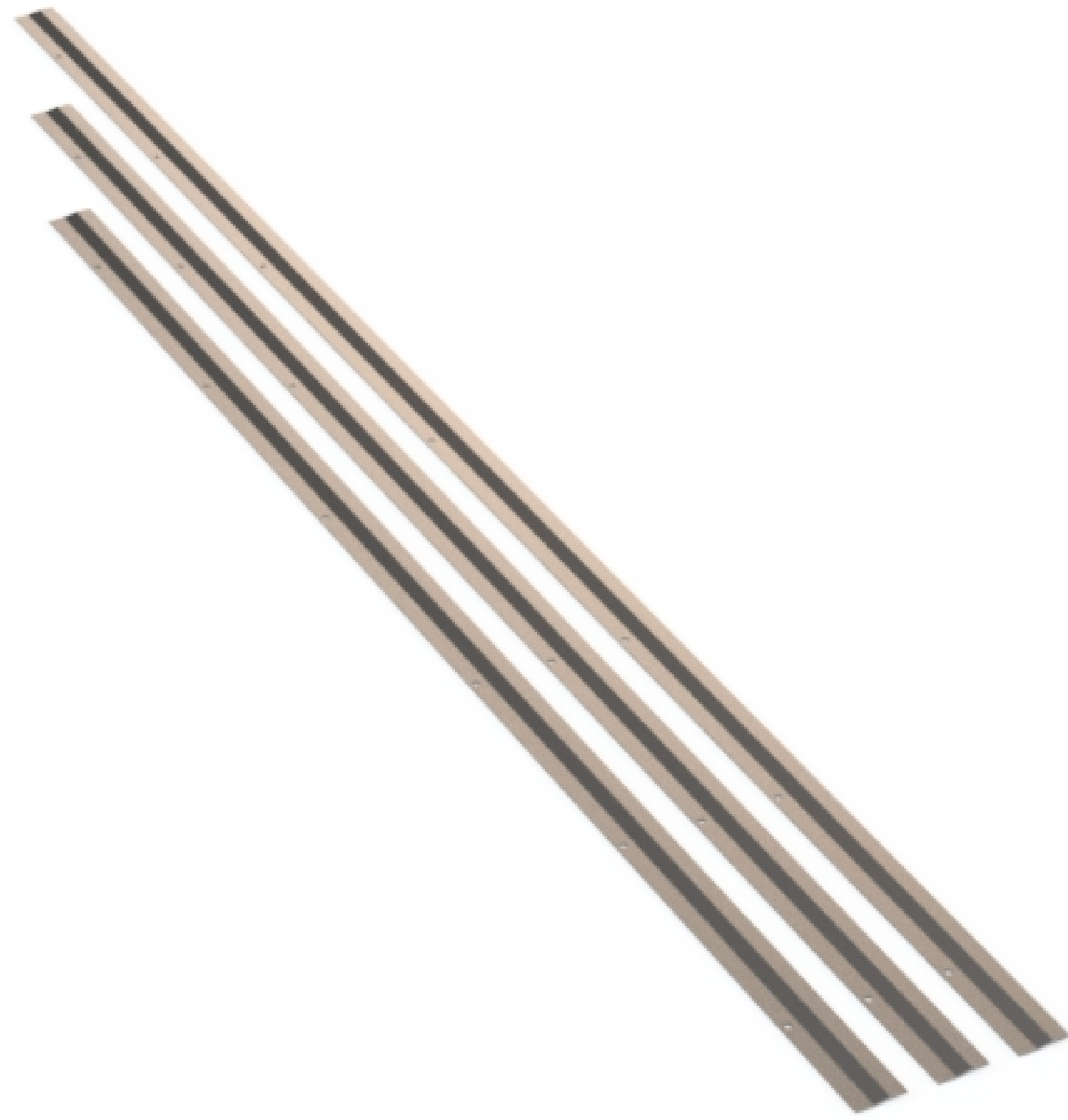
### Characteristics

- Standard size ANSI 4 1/2" x 2 3/4" (114x70mm)
- Recessed installation
- Sensor range up to 3 15/16" (10cm)
- Relay 3A/125VAC or 30VDC max
- Infrared sensors for touchless activation
- Voltage 12/24VDC
- Suited for sanitary environments such as hospitals, restaurants, bathrooms, or laboratories
- Stainless steel front plate
- Bicolor LED status indicator
- Adjustable signal time

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# MISCELLANEOUS





Add an extra layer of security to your doors with our stainless steel security astragal. Designed to provide reliable and durable protection, this astragal is an ideal choice for enhancing the security of a building.

**Technical Information**

Dimension	Anchors Amount	Packaging Content
84" x 3/16"	6	6 Sex Nuts, Smoke Seal x 84"
96" x 3/16"	6	6 Sex Nuts, Smoke Seal x 96"
108" x 3/16"	7	7 Sex Nuts, Smoke Seal x 108"

**ACCESSORIES MOV01**

(In the package)

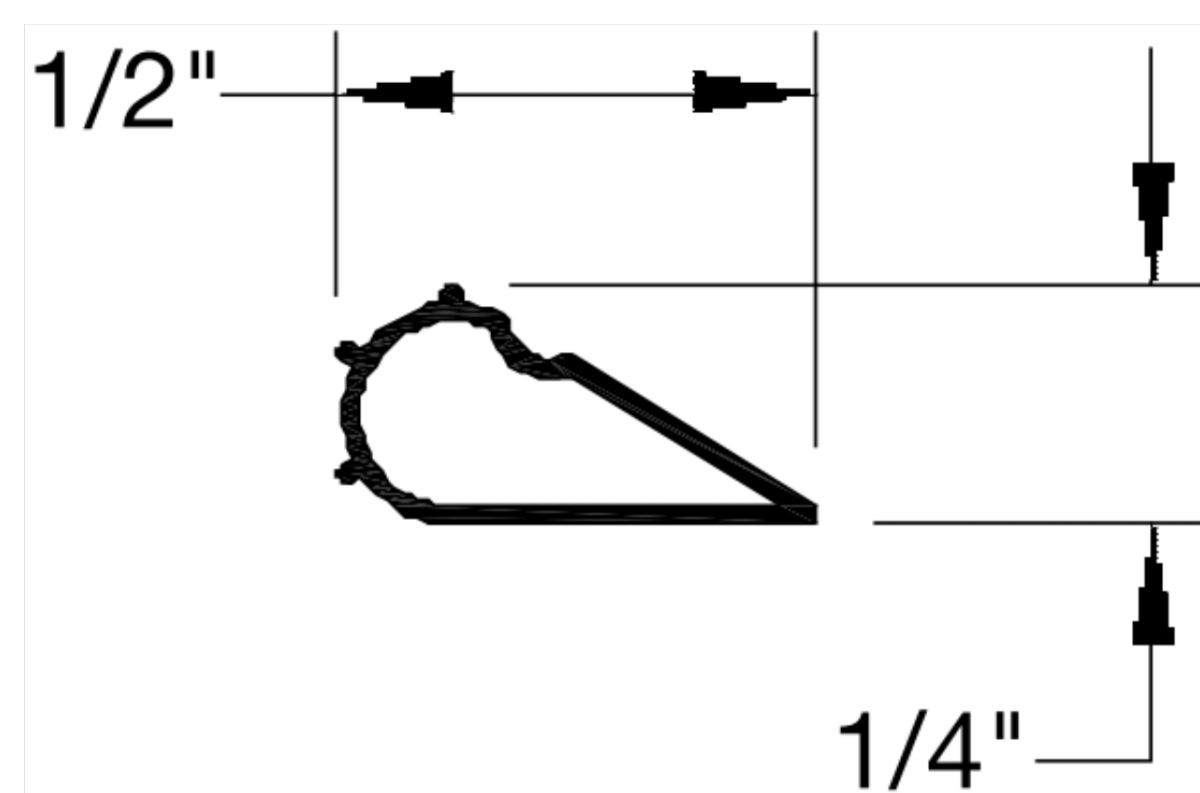
**Ancrages**

Security steel nuts  
1 3/4" x 3/8"  
zinc plated



**Coupe-fumée**

Smoke Seal  
self-adhesive  
Polyprene - UL10B



**Premium Stainless Steel:** Crafted from high-quality grade 304 stainless steel, this astragal ensures exceptional resistance to corrosion, ensuring long-term durability and aesthetic appeal.

**Security Enhancement:** The stainless steel security astragal provides a robust barrier between doors, preventing intrusions and enhancing the protection of your building or commercial space.

**Universal Compatibility:** Designed to fit a variety of door configurations, this astragal is suitable for both interior and exterior steel door pairs.

**Easy Installation:** Its intuitive design allows for quick and hassle-free installation, requiring minimal tools and expertise. Detailed instructions provided further facilitate the installation process.

**Elegant Aesthetic:** With its brushed stainless steel finish, this astragal adds a modern and stylish touch to the aesthetics of your doors, seamlessly blending with any decor style.

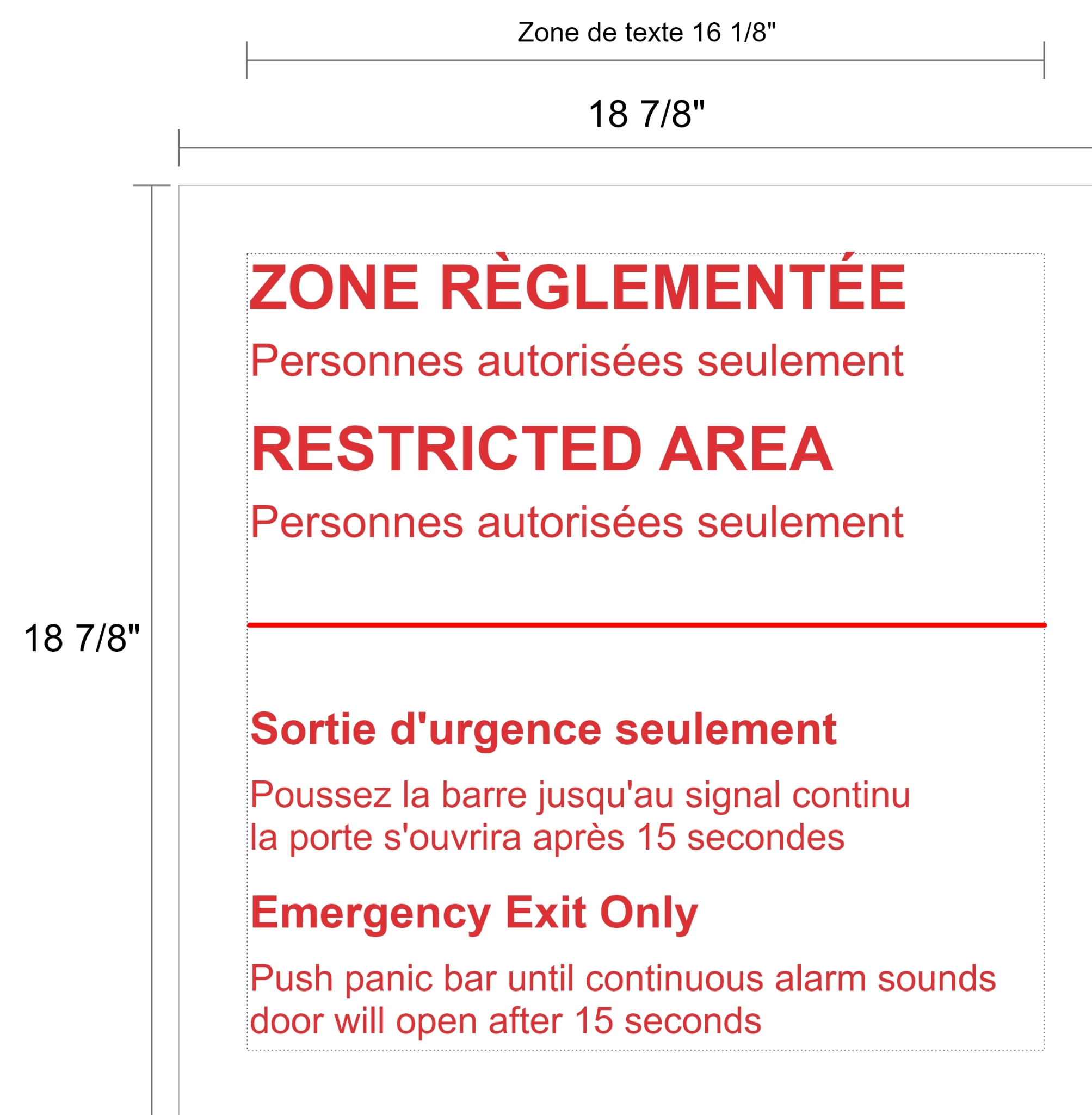
## Emergency Exit Signs

Compliant with Standard CNB-3.4.6.16

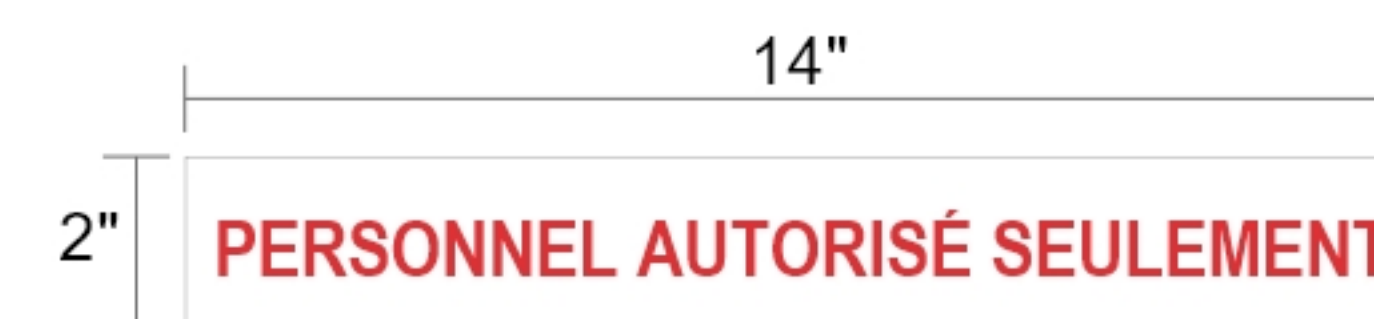
Be prepared for any emergency situation with our emergency exit warning signs. Designed to provide clear and concise instructions, these signs are essential for ensuring safety and peace of mind in your establishment.

- High-Quality Stickers
- Variety of Dimensions and Texts
- Clear and Easy-to-Understand Instructions
- Compliance with Safety Standards
- Easy Installation

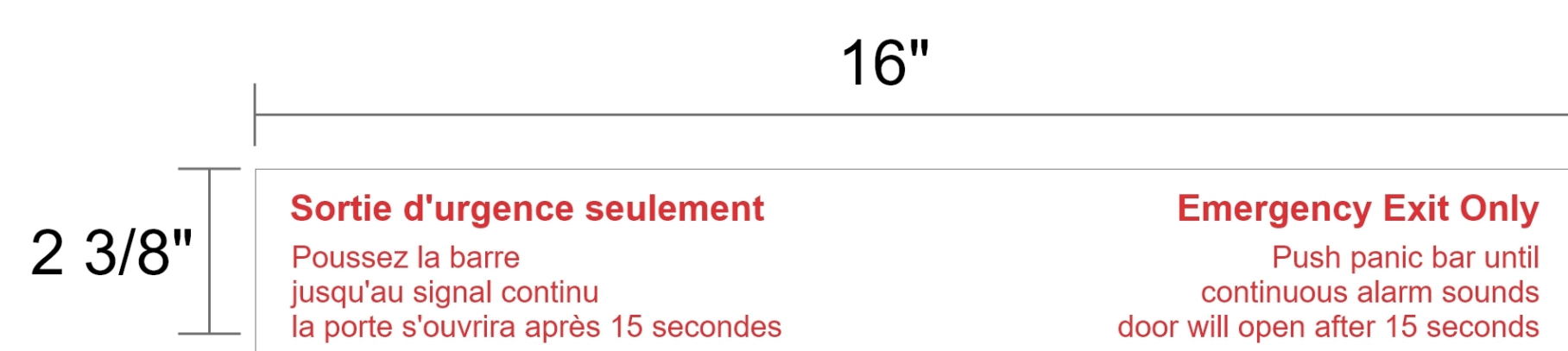
Ensure that your employees, visitors, and customers are informed about evacuation procedures in case of emergency with our emergency exit warning signs. Invest in the safety of your establishment today.



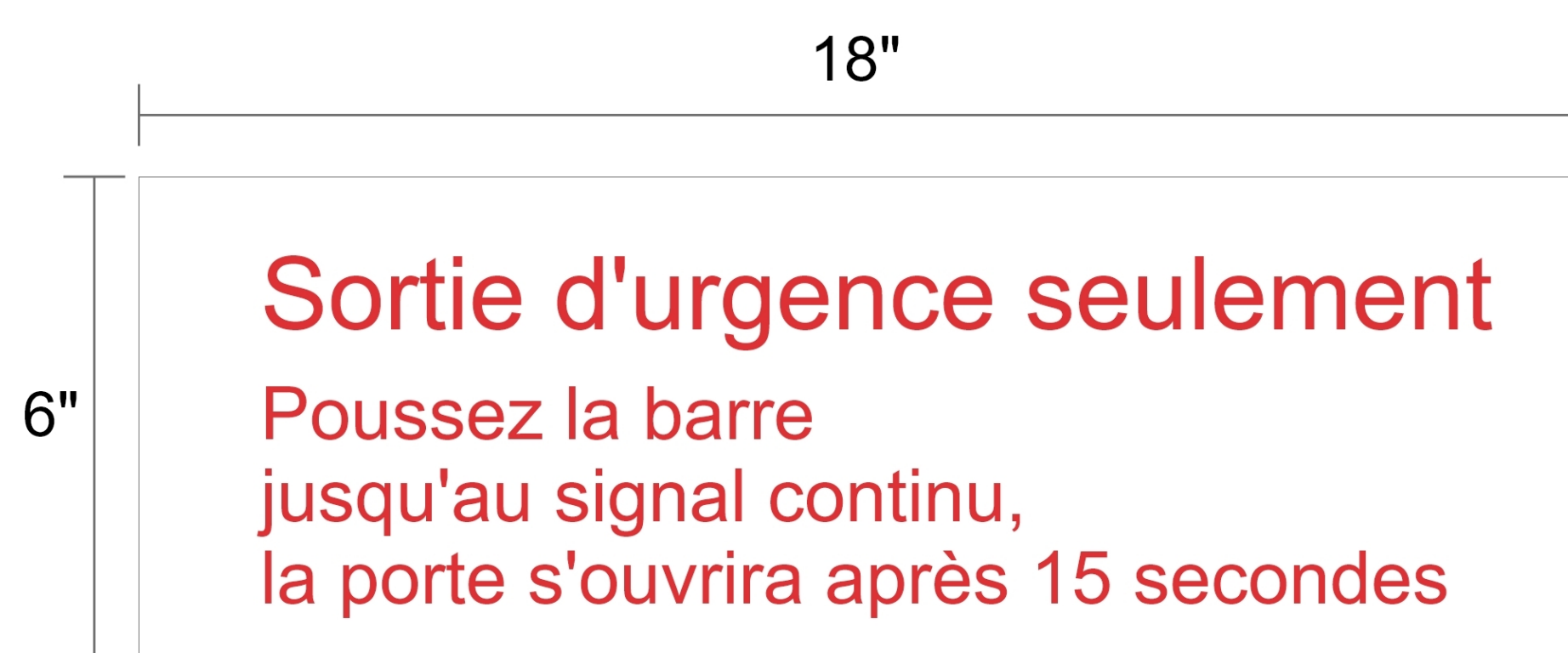
MOV-ACC-DEL



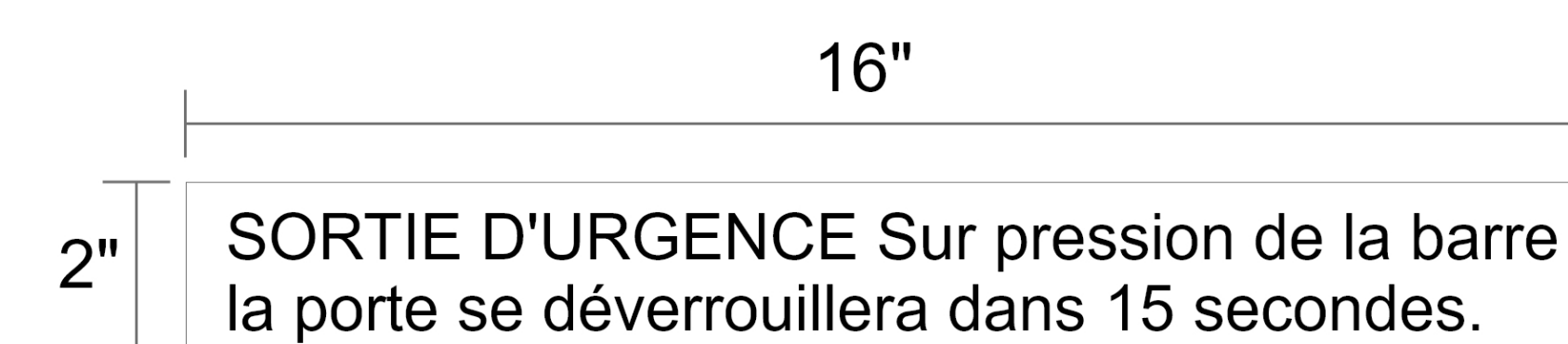
MOV-PERS



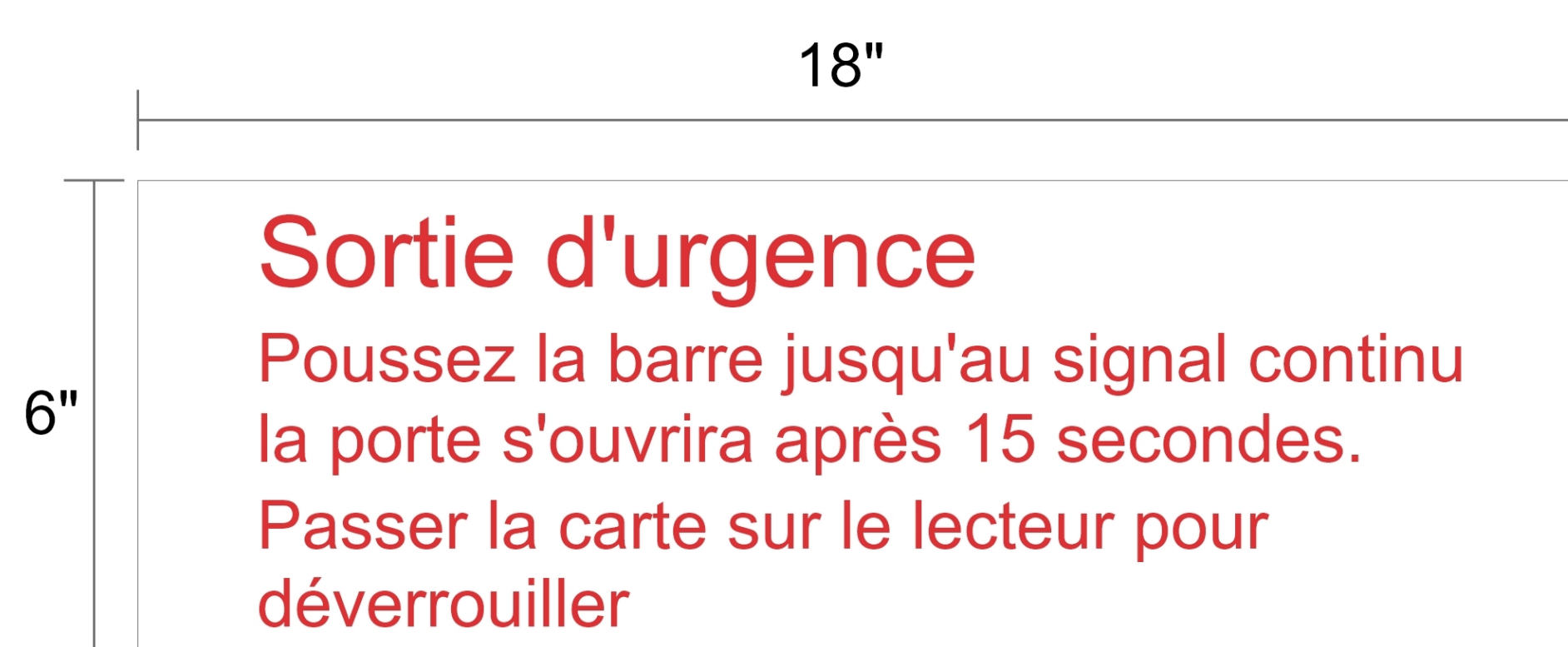
MOV-DEL



MOV-DEL2



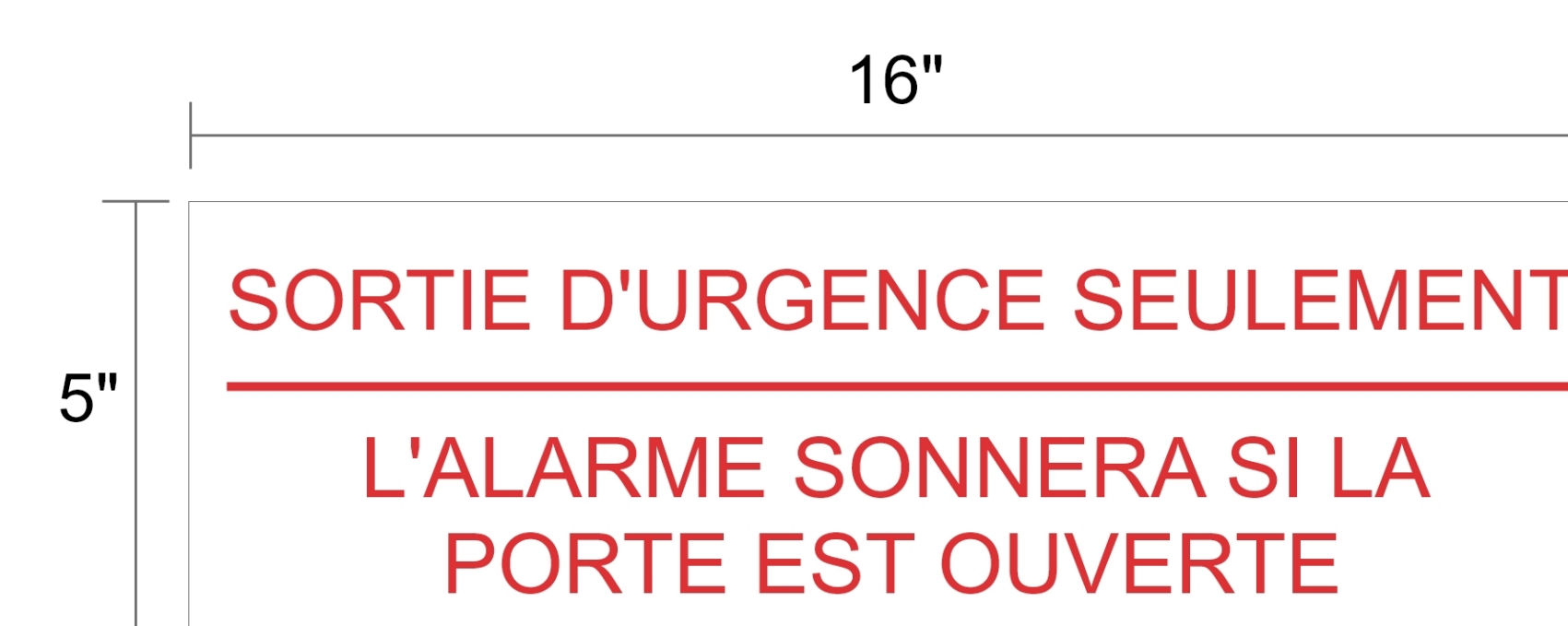
MOV-DEL3



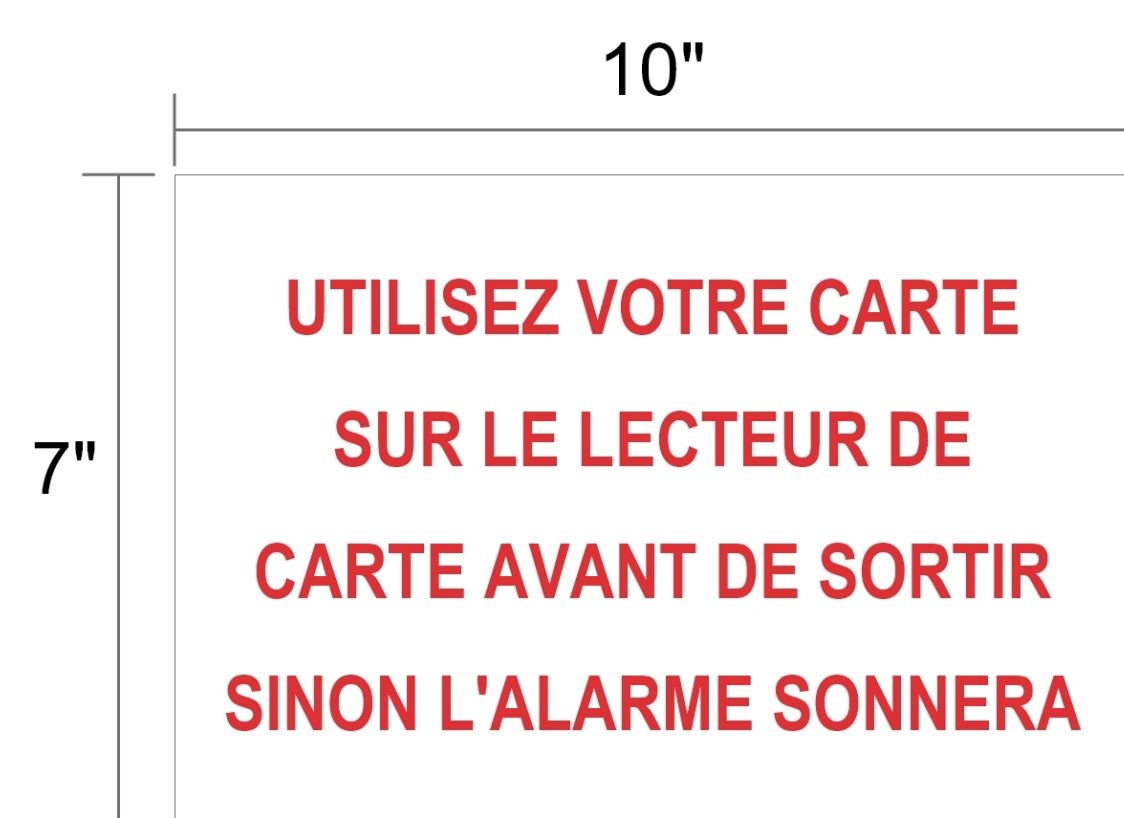
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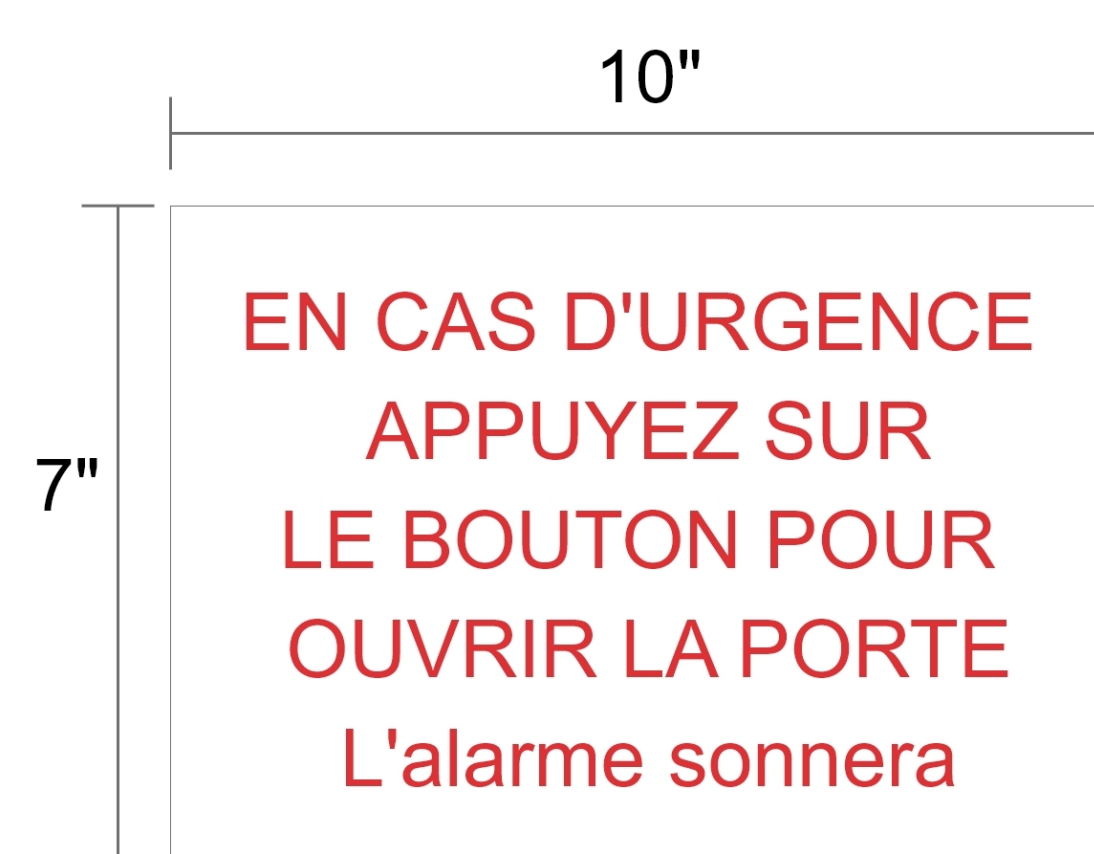
MOV-DEL5



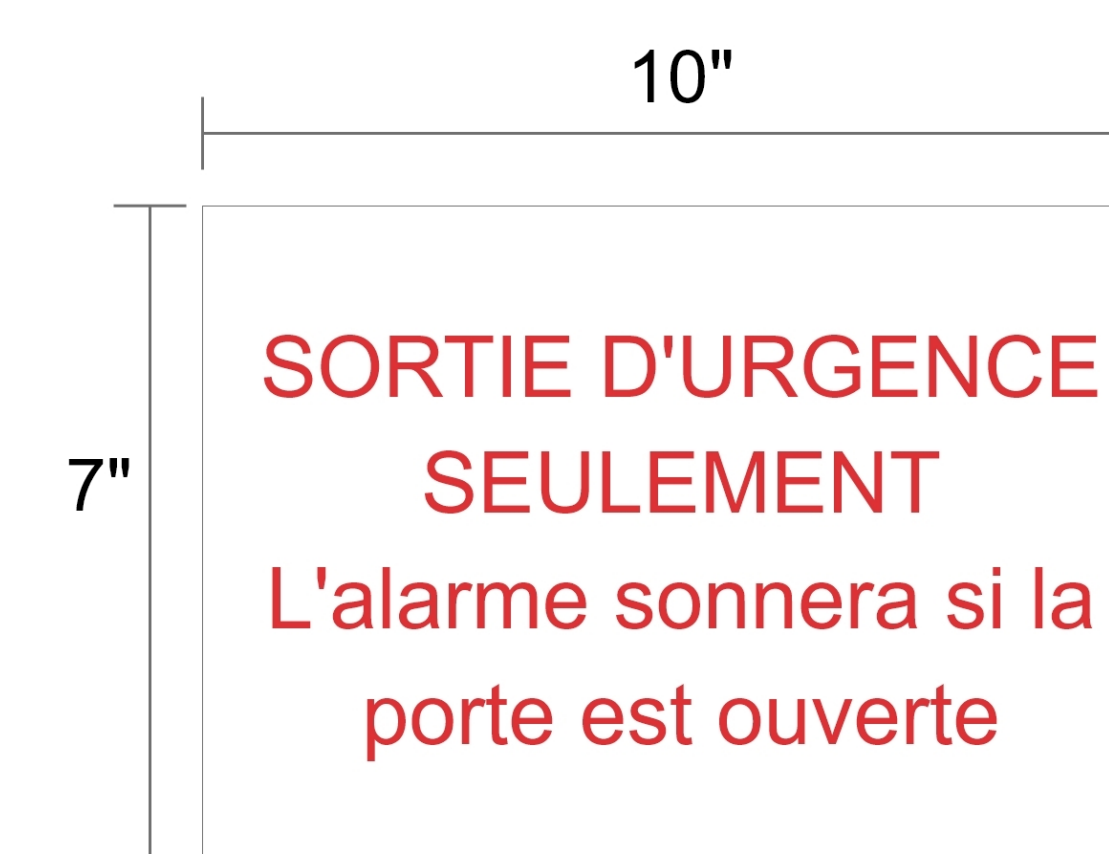
MOV-AL



MOV-ALA



MOV-URG



MOV-URG2