AUTOMATIC SWING DOOR OPENER
M-FORCE™ WITH SWING-GUARD LE

4.05- LOW ENERGY OPERATOR ON ALUMINUM DOOR & FRAME

- 4.05.01 - LE OPERATOR, AL FRAME, VISIBLE, RH-IN
- 4.05.02 - LE OPERATOR, AL FRAME, VISIBLE, LH-IN
- 4.05.03 - LE OPERATOR, AL FRAME, VISIBLE, RH-OUT
- 4.05.04 - LE OPERATOR, AL FRAME, VISIBLE, LH-OUT
- 4.05.05 - LE OPERATOR, AL FRAME, VISIBLE, PAIR IN
- 4.05.06 - LE OPERATOR, AL FRAME, VISIBLE, PAIR OUT
- 4.05.07 - LE OPERATOR, AL FRAME, CONCEALED, RH-IN
- 4.05.08 - LE OPERATOR, AL FRAME, CONCEALED, LH-IN
- 4.05.09 - LE OPERATOR, AL FRAME, CONCEALED, PAIR
- 4.05.10 - LE OPERATOR, AL FRAME, VISIBLE, SINGLE ON PAIR, RH-IN
- 4.05.11 - LE OPERATOR, AL FRAME, VISIBLE, SINGLE ON PAIR, LH-IN
- 4.05.12 - LE OPERATOR, AL FRAME, VISIBLE, SINGLE ON PAIR, RH-OUT
- 4.05.13 - LE OPERATOR, AL FRAME, VISIBLE, SINGLE ON PAIR, LH-OUT
M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)
WITH
SWING-GUARD® LE

LOW ENERGY OPERATOR, AL FRAME, VISIBLE, RIGHT HAND IN

PROJECT INFORMATION
PROJECT NAME:
LOCATION:
DOOR NUMBER(S):
DATE:

1. VERTICAL SECTION

2. HORIZONTAL SECTION

NOTES:
1. DETAILS NOT TO SCALE.
2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR
   2.1. 120 VAC, 5 AMP MIN TO OPERATOR.
   2.2. CONTROL CIRCUIT FROM ACTIVATION TO OPERATOR.
3. DOORS, FRAMES, AND HARDWARE BY OTHERS.
4. DOORS MUST BE UN-LATCHED FOR PROPER OPERATION. PROVIDE TIME DELAY RELAY WHEN REQUIRED FOR PROPER OPERATION.
5. LIMITS OF SAFETY ZONES ARE PROVIDED FOR REFERENCE ONLY.
6. OPERATOR AND INSTALLATION TO COMPLY WITH ANSI/BHMA A156.10.
7. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

ELEVATION

PLAN

POWER CONTROLS
TRANSMISSION BY OTHERS
M-FORCE HEADER
POWER TRANSFER (TYP)
MOUNTED SAFETY SENSOR

ƯSABLE "IN"

ACCESS COVER

DOOR MOUNTED SAFETY SENSOR

M-FORCE OPERATOR AND HEADER

1 1/4" [32]
1 1/8" [29]

1 1/4" [32]

6" [152]

1 1/2" [40]

1 1/2" [38]

MIN. 30" [762] - MAX. 48" [1219]

INTERIOR

EXTERIOR

SWING-GUARD LE SAFETY ZONE (TYP)

VISIBLE HEADER CASE ABOVE

REVISION: 09/24/2019

PAGE: 4.05.01
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M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)
WITH
SWING-GUARD® LE

LOW ENERGY OPERATOR, AL FRAME, VISIBLE, LEFT HAND OUT

PROJECT INFORMATION

PROJECT NAME:

LOCATION:

DOOR NUMBER(S):

DATE:

SHEET:

STANLEY
Access Technologies

POWER
CONTROL
5 1/2" [140]

ACCESS COVER

TRANSOM BY OTHERS

M-FORCE OPERATOR AND HEADER

DOOR MOUNTED SAFETY SENSOR

SWING

REVEAL – DISTANCE FROM THE FACE OF THE DOOR TO THE REAR OF OPERATOR

VISIBLE "OUT"

1 1/2" [38]

VERTICAL SECTION

M-FORCE HEADER

POWER CONTROLS

POWER TRANSFER (TYP)

DOOR MOUNTED SAFETY SENSOR

SWING-GUARD LE SAFETY ZONE (TYP)

EXTERIOR

INTERIOR PLAN

1 1/2" [38]

DOOR OPENING
MIN. 30" [762] – MAX. 48" [1219]

VISIBLE HEADER
CASE ABOVE

HORIZONTAL SECTION

NOTES:

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6. OPERATOR AND INSTALLATION TO COMPLY WITH ANSI/BHMA A156.10.
7. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

REVISION: 08/24/2019

PAGE: 4.05.04
M-FORCE™ (NEXT GENERATION MAGIC-FORCE™) WITH SWING-GUARD® LE

LOW ENERGY OPERATOR, AL FRAME, VISIBLE, PAIR IN

PROJECT INFORMATION

PROJECT NAME:
LOCATION:
DOOR NUMBER(S):
DATE:

POWER CONTROLS

ACCESS COVER

M-FORCE OPERATOR AND HEADER

POWER TRANSFER (TYPICAL)

DOOR MOUNTED SAFETY SENSOR

M-FORCE HEADER

TRANSOM BY OTHERS

1 1/4" [32]
1 1/8" [29]
6" [152]
5 1/2" [140]

NOTES:
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7. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

VERTICAL SECTION

ELEVATION

INTERIOR PLAN

SWING–GUARD LE SAFETY ZONE (TYP)

1 1/2" [38]

DOOR OPENING MIN. 60"[1524] – MAX. 96"[2438]

VISIBLE HEADER CASE ABOVE

HORIZONTAL SECTION

REVISION: 09/24/2019
PAGE: 4.05.05
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6. OPERATOR AND INSTALLATION TO COMPLY WITH ANSI/BHMA A156.10.
7. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

DOOR OPENING MIN. 60"(1524) – MAX. 96"(2438)

VISIBLE HEADER CASE ABOVE
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   2.1. 120 VAC, 5 AMP MIN TO OPERATOR.
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DOOR OPENING MIN. 60"[1524] - MAX. 96"[2438]
STANLEY
Access Technologies

M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)
WITH
SWING-GUARD® LE

LE OPERATOR, AL FRAME, VISIBLE, SINGLE ON PAIR, RIGHT HAND OUT

PROJECT INFORMATION
PROJECT NAME:
LOCATION:
DOOR NUMBER(S):
DATE:

POWER
CONTROL
5 1/2" [140]
ACCESS
COVER

M-FORCE
OPERATOR
AND
HEADER

DOOR
MOUNTED
SAFETY
SENSOR

TRANSOM
BY
OTHERS

ELEVATION

M-FORCE
HEADER

DOOR
MOUNTED
SAFETY
SENSOR

SWING

REVEAL - DISTANCE FROM THE FACE OF THE DOOR TO THE REAR OF OPERATOR

VISBILE "OUT"

VERTICAL SECTION

NOTES:
1. DETAILS NOT TO SCALE.
2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR
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SWING-GUARD LE
SAFETY ZONE
(TYP)

MANUAL

EXTERIOR

INTERIOR

PLAN

1 1/2" [38]
1 1/2" [38]

DOOR OPENING MIN 60" [1524] - MAX. 96" [2438]

VISIBLE HEADER CASE ABOVE

HORIZONTAL SECTION

REV. 08/24/2019
PAGE: 4.05.12
M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)
WITH
SWING-GUARD® LE

LE OPERATOR, AL FRAME, VISIBLE, SINGLE ON PAIR, LEFT HAND OUT

PROJECT INFORMATION
PROJECT NAME:
LOCATION:
DOOR NUMBER(S):
DATE:

SNAP-OFF TRANSOM

POWER
CONTROL

5 1/2” [140]

ACCESS COVER

M-FORCE OPERATOR
AND HEADER

6” [152]

1 1/4” [31]

1 1/2” [38]

TRANSOM
BY
OTHERS

DOOR
MOUNTED
SAFETY
SENSOR

REVEAL - DISTANCE FROM THE FACE OF THE DOOR TO THE REAR OF OPERATOR

VISIBLE "OUT"

VERTICAL SECTION

ELEVATION

WAY POWER
- CONTROLS

DOOR
MOUNTED
SAFETY
SENSOR

M-FORCE
HEADER

POWER TRANSFER

INTERIOR

PLAN

EXTERIOR SWING-GUARD LE SAFETY ZONE (TYP)

MANUAL

NOTES:
1. DETAILS NOT TO SCALE.
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HORIZONTAL SECTION

1 1/2” [38]

DOOR OPENING MIN. 60”[1524] - MAX. 96”[2438]

VISIBLE HEADER CASE ABOVE

REVISED: 09/24/2019
PAGE: 4.05.13