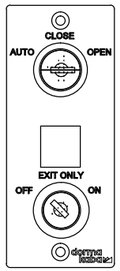
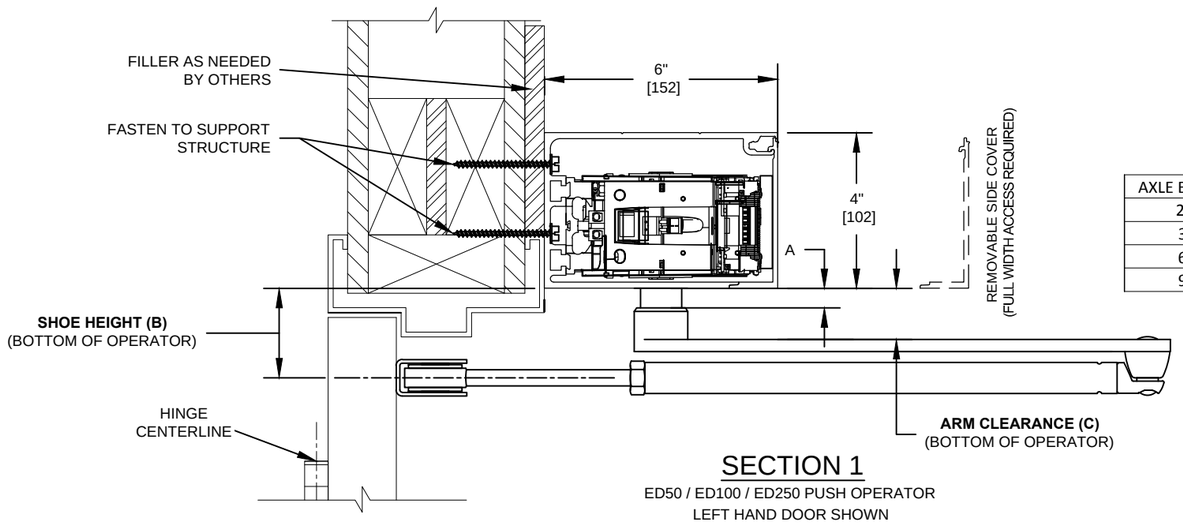


ROCKER
SWITCH
DX3482-010



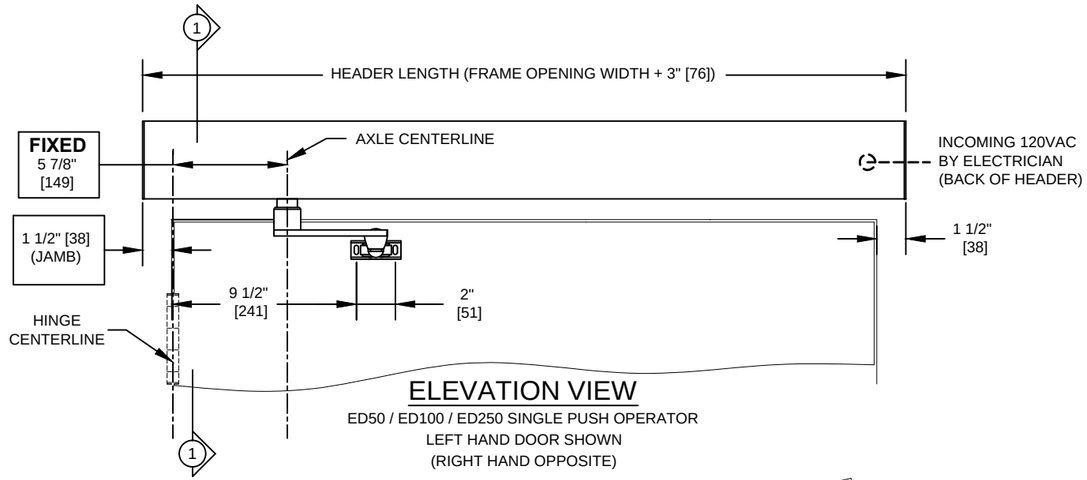
KEY
SWITCH
DX4604-01C



AXLE EXTENSION	A
20MM	0" [0]
30MM	7/16" [11]
60MM	1 9/16" [40]
90MM	2 3/4" [70]

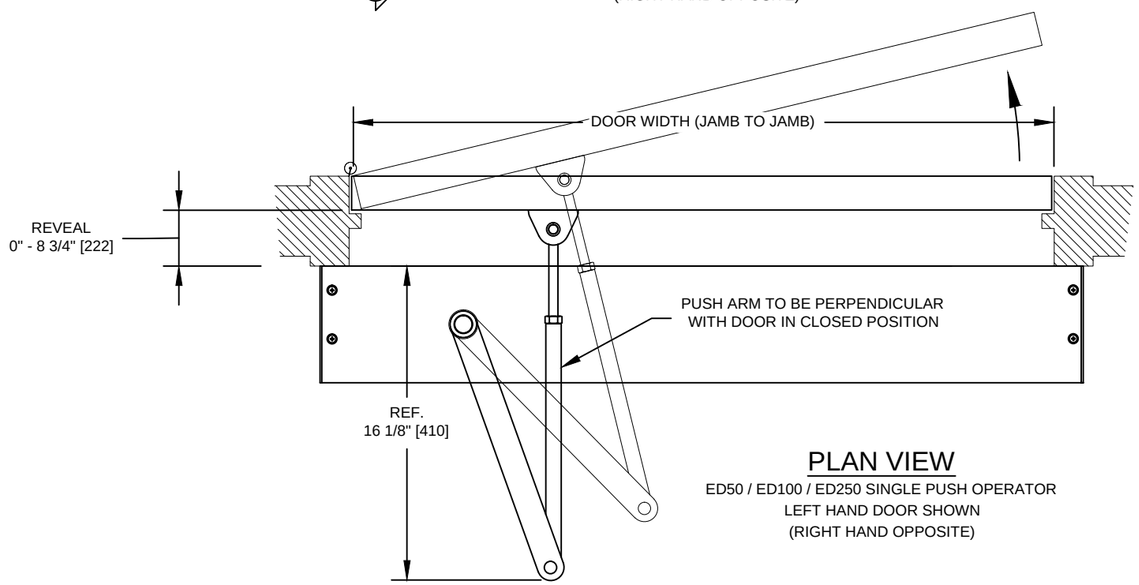
SECTION 1

ED50 / ED100 / ED250 PUSH OPERATOR
LEFT HAND DOOR SHOWN
(RIGHT HAND OPPOSITE)



ELEVATION VIEW

ED50 / ED100 / ED250 SINGLE PUSH OPERATOR
LEFT HAND DOOR SHOWN
(RIGHT HAND OPPOSITE)



PLAN VIEW

ED50 / ED100 / ED250 SINGLE PUSH OPERATOR
LEFT HAND DOOR SHOWN
(RIGHT HAND OPPOSITE)

PUSH AXLE EXTENSION

13/16" [20]

1 3/16" [30]

2 3/8" [60]

3 9/16" [90]

1. The ED50, ED100 & ED 250 Single Push package consists of:
   A. Operator:
      - ED50 Low Energy door leaf:
        - Up to 48" [1219] wide, 220 lbs [100]
      - ED100 Low Energy door leaf:
        - Up to 48" [1219] wide, 250 lbs [113].
      - ED100 Full Power door leaf:
        - Up to 48" [1219] wide, 220 lbs [100].
      - ED250 Low Energy door leaf:
        - Up to 48" [1219] wide, 700 lbs [317]. (interior applications only)
        - Up to 48" [1219] wide, 600 lbs [272]. (exterior applications - prevailing conditions at opening must be considered)
      - ED250 Full Power door leaf:
        - Up to 48" [1219], 320 lbs [145]. (exterior applications - prevailing conditions at opening must be considered)
   B. Arm Kit:
      - Push arm reveal = 0" to 8-3/4" [222] Max.
      - Deep push arm reveal = 8" to 19 1/2" [495] Max
      - Standard 20MM [1 3/16"] axle extension kit.
   C. Connection Kit:
      - #12 x 2-1/2" Phillips Flat Head Wood Screws.
      - #12 x 1-1/2" Phillips Flat Head Self Drilling Screws.
      - #8 x 1-3/4" Pan head wood screws to mount track.
      - M5 x 0.8 x 30mm Pan head machine screws to mount track. (Maximum 52" [1320 wide, 550 lbs [250])

2. Finishes:
   A. Extruded Cover:
      - Clear or Dark Bronze anodized finish (Standard).
      - Custom painted.
      - Custom anodized.
      - Cladding.
   B. Arms:
      - Silver or black painted.
   C. Endcaps:
      - Black anodized.

3. Typical Package Options:
   A. dormakaba Upgrade cards. (See brochure for details).
      - Fire Protection upgrade card.
      - Barrier-Free Toilet upgrade card.
   B. Axle extensions (See chart for available lengths).
   C. Alternate deep pull arm with reveal = 0" to 2 1/4" [57] Max.
   D. Handed or un-prepped header options available (RH, LH or blank for single headers)

4. Drawing Notes:
   A. Drawing dimensions are in English & Metric units. Metric units are displayed as: 1" [25] millimeters.
   B. Operator dimensions:
      - Each door operator is manufactured to your custom width requirements.
      - Operator weight: 30 lbs [13kg].
   C. Maximum opening angle of 110°.
   D. Auxiliary/External stop recommended.
   E. See installation manual for further details.

5. Power Requirements:
   A. 115V +/-15%, 50/60 Hz, 6.6A peak (per operator). Service to header by electrician.

6. Standards of Compliance:
   A. UL 325 & CSA 22.2 (listed with UL).
   B. Designed to comply with these standards depending on installation and application:
      - International Building Code (Section 1008).
      - ANSI/ BHMA 156.10 (Current Version) (Requires monitored safety sensors) (May also require guide rails depending on configuration).
      - ANSI/ BHMA 156.19 (Current version) (Requires additional knowing activation devices not shown in drawing).
      - NFPA 101 Life Safety Code (Section 7.2.1.9).
   C. Refer to Local, State, National or AHJ. Building Code for minimum door height and minimum/maximum width allowable for egress requirements.
   D. Tested to UL 10C 90 min., positive pressure fire test for door assembly.

7. Contact Dorma Architectural Services for more information:
   A. Email: SPECNOW@dorma.com
   B. Phone: 1-844-SPEC-NOW (1-844-773-2669)

dormakaba
1 Dorma Drive, Reamstown PA 17567 Phone: 717-336-3881

Drawing Title: **ED50, ED100 & ED250 AUTOMATIC SWING DOOR**

SINGLE PUSH SURFACE APPLIED HINGED

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