General Contractors

Tormax iMotion ®
TN 110 In-Floor Swing Door Drive
For Slender Profile Door Rails

Installation/Facilitation Guidelines

Center & Offset Pivot Application
- Surface Mounted Box

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Issue Date 09/2018
iMotion® TN 110 IN-FLOOR SWING DOOR DRIVE FOR SLENDER PROFILE RAILS: SURFACE MOUNT - STAINLESS STEEL COVER

CENTER & OFFSET PIVOT APPLICATION

NOTES:
REFER TO US802355 (MANUAL) FOR INSTALLATION DETAILS

*   *   - INDICATES COMPONENT IS JOB SPECIFIC OR OPTIONAL

110 VAC 15 AMPS MIN 50-60 HZ

CONTROL BOX

FUNCTION CONTROL PANEL

TORMAX USA Inc.
**ELECTRICAL DETAILS**

**NOTES:**
(1) "*JB*" INDICATES JOB SPECIFIC. CONSULT GC FOR FURTHER DETAILS.
(2) REF NEXT PAGE (ELECTRICAL DETAILS, SHT 3) FOR WIRING DETAILS.
(3) REF TN110 OPERATION MANUAL (P/N: US801461) FOR ADDITIONAL INFORMATION.
(4) INSTALLATION AND WIRING PRACTICES MUST COMPLY WITH LOCAL CODES.

**KEY**
- **ACCESSIBLE HOLE** FOR WIRING
- **NOT ACCESSIBLE**

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**Linbus Cable 75'-0" Supplied by Tormax**

**Tn110 Control Box**

**Motor Cable**

**Encoder Cable**

**110V AC (IN) 10 Amps**

**24V DC TO ACT. SWITCHES**

**Ø MAX. 1-5/16"**

**Ø MIN. 15/16"**

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**TORMAX USA Inc.**
**PIT PREPARATION DETAILS**

**NOTES:**
(1) ENSURE PROVISIONS FOR WEEP DRAIN AND ELECTRICAL WIRING HAVE BEEN MADE PRIOR TO FILLING THE PIT WITH MORTAR.
(2) WEEP DRAIN MUST BE INSTALLED OR MANUFACTURER'S WARRANTY WILL BE VOID.
(3) WEEP DRAIN HARDWARE TO BE PROVIDED BY GC. WEEP DRAIN INSTALLATION & LOCATION OF TERMINATION MUST COMPLY WITH CITY AND(OR) STATE CODES.

**** JOB SPECIFIC DIMENSION

**BOX / OPERATOR LOCATION TOLERANCES**

**PIT DIMENSIONS**
19-3/4"L x 17-3/4"W x 6-7/8"D

**KEY**
- ▲ FINISHED FLOOR
- ◆ POSSIBLE WEEP DRAIN
- ● OPERATOR SHAFT

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