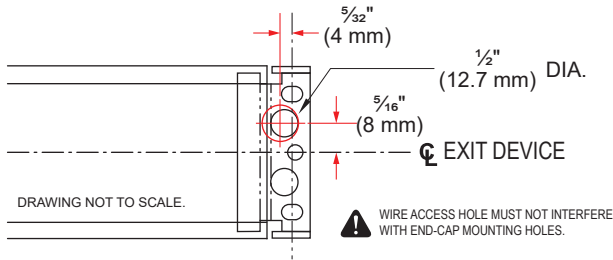


1 WIRING SETUP.

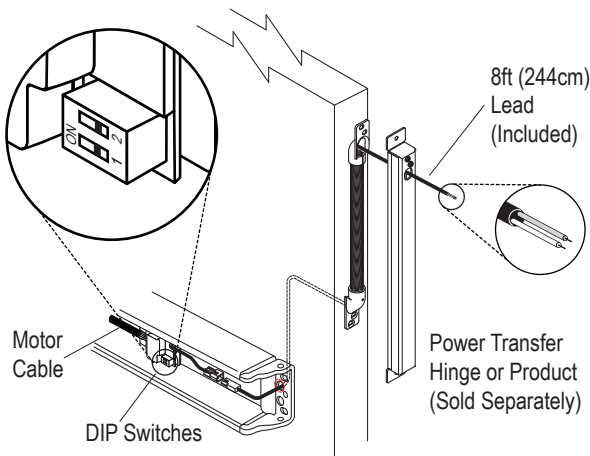


INSTALL EXIT DEVICE WITH PRE-INSTALLED ELECTRIC LATCH RETRACTION UNIT AS PER INSTALLATION INSTRUCTIONS AND TEMPLATES INCLUDED WITH EXIT DEVICE **BEFORE WIRING.**

1. Remove installed end-cap and end-cap bracket.
2. Using the exit-device centreline and existing mounting holes, mark the center of the wiring hole as indicated.
3. Drill 1/2" (12.7mm) dia. wire access hole thru device side of the door. **Deburr hole, and remove sharp edges.**



4. Re-install end-cap bracket.
5. Route cable carefully through hole (add gromets where necessary) and connect (or feed through) wire to power transfer (refer to power transfer product instructions as needed). Use included 8ft (244cm) lead to connect to power supply.



DO NOT POWER UNIT UNTIL AFTER STEP 2 (DEVICE SET-UP) IS COMPLETE.



REFER TO PAGE 2 FOR INSTALLATION EXAMPLE

SPECIFICATIONS:

- Input Voltage: 24VDC +/- 10%
- Wire gauge: Minimum 18 gauge
- Direct wire run - no relays or access control units in-between power supply and motor unit

2 DEVICE SET-UP.



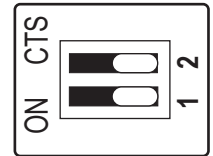
EL UNIT HAS ALREADY BEEN PROGRAMMED AND TESTED BEFORE DELIVERY.

1. Ensure power is disconnected.
2. Ensure DIP Switch #2 is set to ON.
3. Select desired torque mode (default is OFF or Standard) by adjusting DIP Switch #1.
4. Press the device push pad to the desired depth to activate and hold position. (Recommend to fully depress and release 5%, allowing for variations.)
5. While holding position, apply power, and continue holding.
6. While holding, **the unit will beep 6 times.** After beeps have stopped, release the pad to complete the set-up. If not satisfied with configuration, repeat steps.
7. Once complete - ensure DIP Switch #2 is set to OFF.

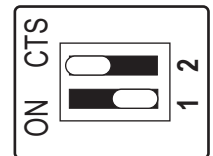
DIP SWITCHES

1	OFF	STANDARD (LOW) TORQUE
	ON	HIGH TORQUE
2	ON	CTS PROGRAMMING ON
	OFF	CTS PROGRAMMING OFF

DEFAULT DIP SWITCH SETTING:



TO SET-UP/PROGRAM:



STANDARD (LOW) TORQUE MODE

Average Latch Retraction Current: 900mA
Average Holding Current: 215 mA

HIGH TORQUE MODE

Average Latch Retraction Current: 2 Amp
Average Holding Current: 250 mA

3 TROUBLESHOOTING.

The device will emit a number of "beeps" during operation or initialization that will indicate if there is a problem or to indicate that the setup is complete.

BEEPS	EXPLANATION	SOLUTION
2	Over Voltage	> 30V unit will shut down / not respond. Check voltage & adjust to 24 V.
3	Under Voltage	< 20V unit will shut down / not respond. Check voltage & adjust to 24 V.
4	Failed Sensor	Please contact your local service provider.
5	Retraction or Dogging Failure	After 1st fail: 5 beeps then immediately attempts to retract again. After 2nd fail: 5 beeps with pause in-between for 30 seconds then device attempts to retract again. After 3rd fail: 5 beeps every 7 minutes, device will not attempt to retract. To Reset: Depress bar for 5 seconds at any time.
6	Push To Set	Device is recording its new position and power mode after the 6th beep. (Refer to Section 2 - Device Set-Up, Step 6)

INSTALLATION EXAMPLE

