



# Big things...small packages

## 825-II Super-Drive

Torsion Shaft Mount DC Sectional Door Operator



Architectural specifications available online or contact below  
See sectional door application chart to select appropriate models

- Soft start–soft stop Series II Controller
- Avoids thrown cables
- New tensioning wheel system
- Compact lightweight & powerful
- Powerful Low Voltage DC Motor
- One-person fast installation
- Requires as little as 4.5" of side room
- Operates low headroom and standard lift sectional doors without pusher springs
- Operates high lift and vertical lift sectional doors
- Eliminates steel costs, concrete anchors, and welding to mount operators
- Adjustable sensitivity obstruction detection without a reversing edge
- Versatile mounting configurations
- Mounts to torsion shaft on doors with either front or rear mount torsion springs
- Approvals:
  - CE - Europe
  - CSA - Canada , USA to UL Standards

### Distributor/Dealer Information

ZAP CONTROLS UK LIMITED  
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ZAP US Sales Contact: 931-510-4432  
sales@zap-america.com www.zap-america.com



# The Smallest, Safest, & Quietest commercial garage door operator in the world!

ZAP DC motor drives

Utilize a soft start that avoids cables being thrown off the drums during start up

Provide an inherent obstruction detection system during the close cycle that is not solely limited to edge contact to cause the door to reverse, eliminating the need and maintenance of a safety edge

Provide an inherent obstruction detection system that detects the increased resistance of a slide lock left in place, a broken torsion spring or other obstructions and stops the door from opening, preventing further damage or an unsafe door from being raised

Easily disengage to allow manual operation

### Standard Features

- Available with 1 or 3 button controllers
- Adjustable auto-close timer included
- Truck restraint interlock
- Automatically detects unsafe working doors
- Automatic obstruction sensing without safety edge

### Options

- Photo Cells
- Battery back up
- Motor covers
- Integrated auto-lock
- Interface modules
- Radio controls
- Fire station module
- Loop detectors
- Traffic light control modules
- Door Open/Dock Interlock
- Door Closed/Sally Port Interlock

Lift Requirement	Low Headroom	Standard Lift	High Lift to 54"	High Lift above 54"	Vertical Lift
Door Size W X H					
8'-20"W X 6'-8'6"H	825-II-B	825-II-B	825-II-C	825-II-D	825-II-D

Please read the instructions fully or attend training online before installation.

Consult factory for door sizes beyond scope provided above.

The maximum door weight for sizes listed above is 750 Lbs. The minimum door height is 6'. A short run chip is available for lower heights.

This motor drive unit mounts to hollow and solid torsion shafts and requires 4.5" of torsion shaft exposed beyond edge of track assembly.

Low voltage wiring to motor provided.

Consult accessory chart for rear mount torsion and wet location modification

<p>825-II</p>	<p>Approvals: CE Europe. CSA Canada, USA to UL Standards Supply voltages available: Switchable between US: Single Phase 120VAC 60HZ EU: Single Phase 230VAC 50Hz Power rating: 650 Newtons Amp Draw: 2.8A Motor RPM: Fast Speed: 48 Slow Speed: 24 Limits determination: Physical/Self Calibrating Max Cycle Count: Continuous Operating Temperature Range: -22 deg F to 212 deg F Overload protection: Inherent motor current sensing Lubrication: Permanent Controller Dimensions: 6.5"H X 5.4"W X 4"D</p>	<p><b>Most Popular Accessories Chart</b></p> <table border="1"> <thead> <tr> <th>Accessory</th> <th>Part#</th> </tr> </thead> <tbody> <tr> <td>External Receiver Interface</td> <td>871</td> </tr> <tr> <td>Retro Reflective Photo Cells</td> <td>401000</td> </tr> <tr> <td>Thru Beam Photo Cells</td> <td>401001</td> </tr> <tr> <td>Door Open/Dock Interlock</td> <td>82-DTLM</td> </tr> <tr> <td>Auto-Lock</td> <td>8070</td> </tr> <tr> <td>Fire Station Module</td> <td>871-FS</td> </tr> <tr> <td>Wet location motor modification</td> <td>5260 (Motor) 503005(800 Controller)</td> </tr> <tr> <td>Battery back up</td> <td>8030</td> </tr> <tr> <td>Rear mount torsion kit</td> <td>ZA0102 Bowden cable for door less than 10' H 900005 Large offset torque arm</td> </tr> </tbody> </table>	Accessory	Part#	External Receiver Interface	871	Retro Reflective Photo Cells	401000	Thru Beam Photo Cells	401001	Door Open/Dock Interlock	82-DTLM	Auto-Lock	8070	Fire Station Module	871-FS	Wet location motor modification	5260 (Motor) 503005(800 Controller)	Battery back up	8030	Rear mount torsion kit	ZA0102 Bowden cable for door less than 10' H 900005 Large offset torque arm
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