TORMAX Series TX9430 Telescoping Automatic Sliding Door
Inside Slide

iMotion® 2301 Direct Drive System

Unit Features

- Series TX9430 Inside Slide - Models Include Concealed for New Construction or Remodel
- Inside Slide - Sliding Doors and Adjacient Swing Out Panels Breakaway for Emergency Egress
- Access Control Package Option is Available - Electric Locking With Concealed Vertical Rod Panic Hardware
- AC Synchronous ¼ HP Motor With Built-In Motor Protection Circuit - No Gears to Wear, No Leaking Oil or Grease. No Motor Brushes, Commutator or Couplings to Replace. "Wear Free Drive Principle"
- Smooth and Silent Operation (sound level less than 70 DB) - "Silent Drive" Unlimited Application Opportunities
- High Speed/High Torque ¼ HP AC Motor - Capable of Sliding Single Door Leafs Weighting up to 265 Pounds (120KG), Biparting Door Leafs Weighing up to 220 Pounds (100KG) Each
- Optional IP.65 Direct Drive - Ideal for Highly Corrosive Environments, Stainless, Dust Proof and Protected From Jetting Water. Drive System Components Manufactured From 316 Marine Stainless Steel
- Panels are Synchronized to Open Together via Gear Reduction Unit - No Maintenance Prone Pulleys and Cables Required
- Heavy Duty Interlocked Panel Design - Provides for Consistent Performance Through Heavy Use, Eliminates Panel Twist and Unsightly Joint Lines
- Door Panel Design - Corner Block Construction for Maximum Strength and Durability With Minimum 1/8" (3) Aluminum Wall Thickness, Available in Narrow and Medium Stile Design With Optional Rail Profiles
- Security Glazing Stops - Prevents Removal of Glass From Exterior, Available for ¼" (6), 5/8" (16) and 1" (25) Thick Glass
- Spring Return Closers as Standard on Sliding Doors - Controls the Direction of Swing in the Event of a Breakaway Condition
- Hydraulic Dampeners as Standard on Swing Out Panels - Controls the Direction of Swing in the Event of a Breakaway Condition
- Full Length Interlocking of the Swing Out Panel and Sliding Panel - Provides for Maximum Security When Fully Closed and Locked
- Door Support and Suspension - Two Independent Trolley Heads Consisting of (4) 2 ½" (64) Diameter Nylon Rollers With Precision Steel Lifetime Lubricated Closed Ball Bearing Centers and (2) Anti-Riser Rollers to Prevent Derailing

- ∞ Trolley Heads Provide for Vertical and Lateral Door Adjustments - Simplifies the Installation and Allows for Optimal Positioning of the Door Panels
- ∞ Field Replaceable Hard Coat Anodized Aluminum Door Roller Track, Isolated Between a Rubber Isolation Pad - Provides for a Smooth and Quite Ride
- ∞ Fiberglass Reinforced Nylon Drive Belt - Sound Absorbing Material With Long Life Span, Maintenance Free
- ∞ Self-Supporting Header With Hinged Cover - Minimal Deflection at 14'-0" (4267) Unit Width
- ∞ Required by Design Two Microprocessor Self-Monitoring Doorway Holding Beams - Monitored for Proper Operation Every 20 Seconds and After Each Opening Cycle
- ∞ Universal iMotion® Microprocessor Controller – One Common Controller for All iMotion® Drives
- ∞ Plug and Play iMotion® Microprocessor Control System - Self-Calibrates Opening and Closing Positions, Door Speeds and Time Delays for Optimal Performance Based on the Door Weight and the Operating Environment
- ∞ No Mechanical Switches and/or Cams Required for Door Position - Eliminates Costly Service and Down Time
- ∞ Self-Adjusting iMotion® Microprocessor Control System - Auto-Compensates During Operation to Maintain Established Operating Parameters
- ∞ Programmable iMotion® Microprocessor Control System - Provides Flexibility During System Configuration, No Special Tools Required
- ∞ Integrated Access Code to Inhibit Unauthorized Door Adjustments - Programmable
- ∞ On-Board Power Supply Output With Overload Protection (24VDC .75A Max) as Standard for Activation and Safety Sensors - No Auxiliary Transformer Required
- ∞ Two On-Board Outputs (24VDC) for Door Position Status, Alarm, Etc. - Programmable
- ∞ Four On-Board Inputs for Safety - Programmable
- ∞ Four On-Board Inputs for Activation, Key Switch and Mode of Operation - Programmable, Key Switch Remains Enabled in Off Mode for Access Control Integration
- ∞ Factory Reset - Programmable
- ∞ Optional I/O Module - Provides Four Additional Inputs and Four Additional Outputs
- ∞ Illuminated Seven-Segmented Function Control Panel - Provides for Six Operating Modes, System Configuration and Auto-Diagnostics
- ∞ Function Control Panel - Off/Automatic/Auto Reduced Open/Exit /Hold Open/Manual
- ∞ Door Motion Settings (door speeds and time delays) - Programmable via Function Control Panel
- ∞ Reduced Opening Width - Programmable via Function Control Panel
- ∞ Function Control Panel Security - Provided via Optional Key Switch
- ∞ Manual Override (free wheeling) Friction Free Manual Operation - Selectable via Function Control Panel
- ∞ Auto-Diagnostics via Function Control Panel - Provides for Quick and Simple Troubleshooting
- ∞ Electronic Reversing for Door Obstruction in the Opening Direction - Door Will Stop and Reverse Close
- ∞ Electronic Reversing for Door Obstruction in the Closing Direction - Door Will Stop and Reverse Open
- ∞ Reversing Sensitivity Adjustment - Programmable
- ∞ Full Range of Door Operating Sensors and Manual Controls Available - ANSI Compliant

- ∞ Optional Accessories Available - Battery Back-Up, Electric Lock, Security Monitoring of Sliding Door Position, People Counting Devices and Other Door Auxiliary Hardware
- ∞ Complete Range of Heavy Duty Aluminum Threshold Profiles Available - Recessed, Surface Double Bevel and Combination Surface Bevel/Square
- ∞ Standard Anodized Finishes Clear and Dark Bronze - Other Anodized Finishes, Painting and Metal Cladding Available Upon Request
- ∞ Global Power Supply - Selectable 115-230VAC 50-60 HZ, Single Phase
- ∞ Power Consumption - Max 190 Watt
- ∞ ANSI Compliant - Meets or Exceeds ANSI A156.10 Standards
- ∞ ANSI/ULC 325 Listed - United States and Canada