Door Solutions

Bulletin 0600-B76
Door System Application

Rail

Transit / Metro

Commuter
**Door Types**

<table>
<thead>
<tr>
<th>Rail Sliding Plug</th>
<th>Rail Bi-Parting</th>
<th>Rail Interior</th>
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<tbody>
<tr>
<td><img src="image1" alt="Door Image" /></td>
<td><img src="image2" alt="Door Image" /></td>
<td><img src="image3" alt="Door Image" /></td>
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</tbody>
</table>

Transit, Coach / Recreational Vehicle Sliding Plug Doors

| ![Bus Image](image4) | ![RV Image](image5) | ![RV Image](image6) |

Transit and Coach Slide Guide and Swing Doors

| ![Bus Image](image7) | ![Door Image](image8) | ![Trailer Image](image9) |
Door Actuation and Control Types

Pneumatic Door Actuation

Wide range whether you require pneumatic or non-powered doors - Actuator are available in various styles

Electronic Door Actuation

Electric single leaf or bi-parting sliding plug doors - Interior door product that can easily be adapted to custom or customer specific requirements

Pneumatic Controls & Accessories

Air Control Valves  Pneumatic / Electric Door Entry / Exit Manual Controls  Programmable Occupant Sensors

Air Preparation  Obstruction Detection Valves

Door control options available For manual to motion release solutions

Mobile Electronic Controllers

Environmentally hardened communication provides a broad range of information for console or frame mounted configurations J1939 CAN IQAN
Specifications

Selectable Levels of Integration™
Complete Integrated Systems

Customer Benefit:
- Reliable, proven components
- Built and tested to mobile/transportation standards

Customer Value:
- Reduced Engineering Time
- Assembly Time Reduction
- Lower Procurement Costs
- Increased Speed to Market

Component Assemblies

Materials:
- Body: Aluminum - Mobile Hardened
- Connections: NPTF / Metric/ BSPT
- Max. Operating Pressure: (Air) up to 16 bar / 232 psi
- Drive Motor: Step Free Permanent Magnet Position Encoders
- Temperature Range: -40°C (-40°F)
- Mounting: Inline or Track Mounted
- Power: Hardened Mobile Voltages Tolerances

Product Features:
- Media: Compressed Air
- Network CANBUS Communication
- Motion Interlock or Preset Adjustable Switching
- Sensitive, Accurate, Repeatable Switching
- Multiple Electromechanical Drive Options including belt, spindle, ball screw, etc.
- Multiple types of Obstruction Detection Controls
Parker Hannifin has served the needs of the Transportation Industry with door systems for over 50 years. Our services provide Tier 1, Body Builders and OEM customers in over 40 countries globally with both pneumatic and electromechanical active door actuators and controls. Our commitment is to provide the latest technology, keeping the industry at state of the art levels with reliable, mobile tested products.

Contacts
For more information on vehicle door components and systems in the Rail, Bus/Coach and Truck markets, please select the appropriate Region on our website, select CONTACT US, and select the CONTACT US information for your Country.