Polargy PolarSlideTM

PolarSlide Sliding Door Specification

**PART 1 - GENERAL**

* 1. SUMMARY

1. This specification is for the PolarSlide™ Sliding Door.  
   1. SYSTEM DESCRIPTION
2. The Sliding Door is designed for data center aisle containment, either hot or cold. The door consists of a sheet metal frame and sliding door panel, either single or double. The frame is supported with a direct attachment to floor and laterally supported with a header bracket directly to equipment racks or other supporting infrastructure.
   1. DESIGN REQUIREMENTS
3. Provide a sliding door at the end of each HACS/CACS. The sliding door should be a dual door, center opening or single sided with auto-close, soft-close and hold open features.
   1. WARRANTY
4. The Sliding Door shall be warranted against defects in materials and workmanship for a one-year period for the first 12 months after initial start-up or 18 months after ship date, whichever occurs first.

**PART 2 – PRODUCTS**

2.2 SLIDING DOORS

1. Doors shall be delivered fully assembled.
2. Doors shall have automatic closing.
3. Doors shall have a soft-close.
4. Doors shall have a magnetic close seal
5. Sliding door shall have no threshold.
6. Sliding doors shall have a mechanism for holding the door in an open position.
7. Sliding doors shall be available in heights for 42U, 45U, 48U and 52U racks.
8. Sliding doors shall be available in 4’ and 6’ widths.
9. Sliding Doors shall have clear polycarbonate windows comprising over 75% of each door opening.
10. Door insert material shall be Class A fire-rated material.