Thinswitch® Limit Switches are specially designed to verify ejector plate return before permitting the mold to close in injection molding machines. These small switches are thin enough to fit inside the ejector housing. They can also be used for core, slides, or anyplace space is limited. All models use the same mounting hole locations.

The Thinswitch® Limit Switches have been tested for reliability over 10 million cycles without failure. Two switches can be used in series for larger molds to ensure the ejector plate return, preventing costly mold damage.

### General Description

- Over 10 million cycle life provides long dependable service.
- 175°F (79.4°C) standard temperature rating allows installation into most molding applications.
- 250°F (121°C) high temperature unit is available for higher temperature needs.
- Adjustable operating point allows actuation between 0.187” and 0.250” from the base.
- 3/16” thick design fits snugly behind the ejector plate in the space provided by the rest buttons.
- Stripped and tinned 6 ft. wire leads make the switch ready to install without modification.
- Included mounting hardware installs the Thinswitch® limit switch easily.

### Specifications

#### Electrical

- 250VAC ......................... 5 Amps resistive, 4 Amps inductive
- 28VDC (sea level) ......... 5 Amps resistive, 4 Amps inductive
- Switching.............................. SPDT

#### Operating Temperature

- Standard Model T-222’s .............. 175°F max. (79.4°C max.)
- High Temp Model HT-291’s ........ 250°F max. (121°C max.)

### Materials

- Body .......................................... Fiberglass-reinforced nylon
- Spring (Original model) ................. Stainless Steel
- Dome (Liquid-Resistant model) ........ Polyurethane
- Back Cover ................................. Polyester Film
- Wire Leads ... 22 ga. stranded, 3-conductor, shielded cable, 6 ft. (1.8m) long, ends stripped and tinned

### Original Thinswitch® Limit Switch

- Drill and Tap #10-24 x 3/8” deep to accept #10 button head screws included with Thinswitch® limit switch

### Thinswitch® Liquid-Resistant Limit Switch

- Drill and Tap #10-24 x 3/8” deep to accept #10 button head screws included with Thinswitch® limit switch

### Parts List

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>MODEL</th>
<th>1-4</th>
<th>5-9</th>
<th>10+</th>
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<td>T-222</td>
<td>Standard</td>
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<tr>
<td>HT-291</td>
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