

**NEMA Type 2, 4 & 13**  
**UL ENCLOSURE 2, 4 & 13**  
**CSA ENCLOSURE 2, 4 & 13**  
**EN 60529 Degree of Protection IP56**

**Drip tight • Dust tight • Watertight • Oil tight**  
**STANDARD FULL SHIELD**

**Materials of Construction:**

- Treadle and housing constructed from cast iron for strength and durability
- Protected by a strong cast aluminum Shield
- Painted Alert Orange
- Single 3/4"-14 N.P.T. threaded conduit entry is standard

**Features & Benefits:**

- Rugged cast metal enclosure has sufficient weight to keep the switch from sliding when being operated
- All models have a neoprene cover gasket plus O-rings on the activating shaft and a separate ground screw
- In all Maintained Contact models the release is accomplished by simply pressing the latch with a light forward movement of the toe. The release is placed under the Full Shield so falling objects cannot easily release it
- 3 holes provided for rigid mounting to the floor or equipment

**Options:**

- Oversize "O" and "OX" Shield models accept oversized safety shoes and metatarsal foot guards. The "OX" Shield has an additional 3/4" (19.1 mm) opening height as compared to the "O" shield
- Dual 1/2"-14 N.P.T. threaded conduit entry and metric sizes available to the O.E.M. on special order
- Special Twin & Triple models available to the O.E.M. on special order
- AirVal models are available (See "Hercules - Pneumatic AirVal" on page 67 for details)
- Potentiometer models are available (See "Hercules -Potentiometer" on pages 76-79 for details)
- RF Wireless models are available (See "RF Wireless Hercules" on page 83 for details)
- Hercules models available with cast aluminum base & covers (except unshielded cover which is gray iron)



|               |                        |                                                                                                                                                                         |
|---------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size (HxWxD): | 4.37 x 5.88 x 9.00 In. | <b>For Dimension Drawings visit <a href="http://www.linemaster.com">www.linemaster.com</a> and click on Line Drawings located under the Guides &amp; Literature Tab</b> |
| Weight:       | 7.50 lbs.              |                                                                                                                                                                         |

| <b>⚠ WARNING SEE PRODUCT WARNING ON PAGE 103</b>                                                            |                               |                        |               |        |                      |                         |
|-------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|---------------|--------|----------------------|-------------------------|
| SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below) |                               |                        |               |        |                      |                         |
| AGENCY APPROVALS                                                                                            | EN 60529 Degree of Protection | CATALOG NUMBER         | DESCRIPTION   | STAGE  | CIRCUIT              | FORM ELECTRICAL RATINGS |
|                                                                                                             | IP56                          | 531-SWH                | Momentary     | Single | SPDT                 | C                       |
|                                                                                                             | IP56                          | 531-SWHC2 <sup>5</sup> | Momentary     | Single | SPDT                 | C                       |
|                                                                                                             | IP56                          | 571-DWH                | Maintained    | Single | SPDT                 | C                       |
|                                                                                                             | IP56                          | 532-SWH                | Momentary     | Single | DPDT                 | C                       |
|                                                                                                             | IP56                          | 572-DWH                | Maintained    | Single | DPDT                 | C                       |
|                                                                                                             | IP56                          | 533-SWH                | Momentary     | Single | TPDT                 | C                       |
|                                                                                                             | IP56                          | 533-SWHC2 <sup>5</sup> | Momentary     | Single | TPDT                 | C                       |
|                                                                                                             | IP56                          | 573-DWH                | Maintained    | Single | TPDT                 | C                       |
|                                                                                                             | IP56                          | 573-DWHC2 <sup>5</sup> | Maintained    | Single | TPDT                 | C                       |
|                                                                                                             | IP56                          | 534-SWH                | Momentary     | Two    | SPDT                 | C                       |
|                                                                                                             | IP56                          | 574-DWH                | Maintained    | Two    | SPDT                 | C                       |
|                                                                                                             | IP56                          | 574-DWHA <sup>1</sup>  | See Foot Note | Two    | SPDT                 | C                       |
|                                                                                                             | IP56                          | 574-DWHD <sup>2</sup>  | See Foot Note | Two    | SPDT                 | C                       |
|                                                                                                             | IP56                          | 535-SWH                | Momentary     | Three  | SPDT                 | C                       |
|                                                                                                             | IP56                          | 575-DWH                | Maintained    | Three  | SPDT                 | C                       |
|                                                                                                             | IP56                          | 575-DWHA <sup>3</sup>  | See Foot Note | Three  | SPDT                 | C                       |
|                                                                                                             | IP56                          | 536-SWH                | Momentary     | Single | SPDT DB <sup>4</sup> | Z                       |
|                                                                                                             | IP56                          | 576-DWH                | Maintained    | Single | SPDT DB <sup>4</sup> | Z                       |
|                                                                                                             | IP56                          | 537-SWH                | Momentary     | Single | DPDT DB <sup>4</sup> | Z                       |
|                                                                                                             | IP56                          | 577-DWH                | Maintained    | Single | DPDT DB <sup>4</sup> | Z                       |
|                                                                                                             | IP56                          | 538-SWH                | Momentary     | Two    | SPDT DB <sup>4</sup> | Z                       |
|                                                                                                             | IP56                          | 578-DWH                | Maintained    | Two    | SPDT DB <sup>4</sup> | Z                       |
|                                                                                                             | IP56                          | 578-DWHA <sup>1</sup>  | See Foot Note | Two    | SPDT DB <sup>4</sup> | Z                       |
|                                                                                                             | IP56                          | 578-DWHD <sup>2</sup>  | See Foot Note | Two    | SPDT DB <sup>4</sup> | Z                       |

<sup>1</sup>1st stage Maintained 2nd stage Momentary. <sup>2</sup>1st stage Momentary 2nd stage Maintained. <sup>3</sup>1st stage Maintained 2nd & 3rd stage Momentary. <sup>4</sup>DB Double Break models must be wired to equal voltage sources and the same polarity. The loads should be on the same sides of the line. <sup>5</sup> "C2" designates dual 1/2" NPT conduit entry.