

Hercules Anti-Trip - Gated O Shield



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
ADVANCED DESIGN HELPS PREVENT ACCIDENTAL ACTUATION

Materials of Construction:

- Treadle and housing constructed from cast iron for strength and durability
- Protected by a strong cast aluminum Shield
- Special AirVal models available to the O.E.M. on special order
- Painted Alert Orange
- Single 3/4"-14 N.P.T. threaded conduit entry is standard

Features & Benefits:

- Heavy duty foot switch features an anti-trip treadle mechanism that helps prevent accidental actuation through unintentional stepping on foot treadle
- Switch operation requires that the latch trip lever be released prior to depressing the foot treadle as in-line foot pressure is applied to the latch trip lever located at the rear of the foot treadle
- Smooth trip lever release and treadle depression motion results in good rate of operation
- Dual treadle return springs and latching mechanism
- Anti-skid rubber feet and 3 holes for rigid mounting to floor or equipment
- All Models have a neoprene Cover Gasket plus O-Rings on the Actuating shaft and separate ground screw

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
- Special 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
- RF Wireless models are available (See "RF Wireless Hercules" on page 83 for details)



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|---------------|------------------------|
| SIZE (HxWxD): | 5.38 x 6.00 x 9.13 In. |
| WEIGHT: | 8.50 lbs. |

For Dimension Drawings visit www.linemaster.com and click on Line Drawings located under the Guides & Literature Tab

| ⚠ WARNING SEE PRODUCT WARNING ON PAGE 103 | | | | | | | |
|---|-------------------------------|----------------------|-------------|--------|----------------------|------|-------------------------------|
| 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 |
| UL, IEC, NEMA | IP56 | 511-BG | Momentary | Single | SPDT | C | 20 A 125-250 VAC |
| UL, IEC, NEMA | IP56 | 511-B2G ¹ | Momentary | Single | DPDT | C | 1 H.P. 125-250 VAC |
| UL, IEC, NEMA | IP56 | 511-B2GA | Momentary | Two | SPDT | C | Heavy Pilot Duty 250 VAC Max. |
| UL, IEC, NEMA | IP56 | 511-B3G | Momentary | Single | SPDT DB ² | Z | 15 A 125-250 VAC |
| UL, IEC, NEMA | IP56 | 511-B4G ¹ | Momentary | Single | DPDT DB ² | Z | 1/2 H.P. 125 VAC |
| UL, IEC, NEMA | IP56 | 511-B4GA | Momentary | Two | SPDT DB ² | Z | 1 H.P. 250 VAC |
| | | | | | | | Heavy Pilot Duty 250 VAC Max. |

¹One pole of these models has an adjustable actuating mechanism that enables you to make or break one pole before the other. EXAMPLE: You can break the N.O. Circuit long before you would remake a N.C. Circuit in a 511-B2.
²DB 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.