

Hercules - Potentiometer - O Shield



NEMA Type 1, 2, 4 & 13
EN 60529 Degree of Protection IP56 (IP68 Upon Request)

Drip tight • Dust tight • Watertight • Oil tight
OVERSIZED 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
- This switch is designed for use with variable speed motor drives and is available in selected 2 watt linear values
- Depressing the treadle rotates the potentiometer from zero to the selected maximum resistance shown below
- The treadle is spring loaded and returns to the normal position when the foot pressure is removed
- Auxiliary switch contact rated at 15 Amps 125-250 VAC can be added to the control
- The switch will operate at the beginning of the treadle stroke
- Up to 3 SPDT switches can be added and adjusted for operation at any point of the treadle stroke

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
- 3 holes provided for rigid mounting to the floor or equipment
- Specify the maximum resistance you want

Options:

- Special Dual 1/2"-14 N.P.T. threaded conduit entry and metric sizes available to the O.E.M. on special order
- Hercules foot operated potentiometers are available with 5,000 Ohm or 10,000 Ohm values. Other potentiometer values are available upon request or by special order. Please contact the office for availability and pricing
- Hercules models available with cast aluminum base and covers (except unshielded cover which is gray iron)

Size (HxWxD):	5.03 x 5.88 x 9.13 In.
Weight:	8.00 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)						
Replace xx in Catalog Number with value of Potentiometer in Ohms. (i.e. 500-HO-5K)						
AGENCY APPROVALS	EN 60529 Degree of Protection	CATALOG NUMBER	DESCRIPTION	CIRCUIT	FORM	ELECTRICAL RATINGS
	IP56	500-HO-xx	Momentary	No Auxiliary Contact	-	15 A 125-250 VAC
	IP56	500-AHO-xx	Momentary	1 Auxiliary SPDT Contact	C	
	IP56	500-A2HO-xx	Momentary	2 Auxiliary Snap Switches	C	
	IP56	500-A3HO-xx	Momentary	3 Auxiliary Snap Switches	C	