

EXTRA HEAVY-DUTY PRESSURE SWITCHES

SPECIFICATIONS:

- Built with extra heavy-duty components and weighs 3 lbs., vs. the Competitor's 2 lbs.
- Extra large case for easy wiring, measuring 5.75" x 5.3" (30.5 sq. in.), vs. the Competitor's 3.7" x 3.4" (12.6 sq. in.) and includes a NEMA 1 case rating.
- Heavy brass wire connections hold No. 4 wire using set screws inside a brass tube, preventing the wires from slipping off the screw.
- Includes four 3/4" conduit size knock outs for heavy wiring.
- Clear adjustment instructions are provided inside the top cover.
- Contacts open (switch off) at cut-off pressure and points close (switch on) at cut-in or pressure drop.
- A heavy fiber board bracket ensures strong contact movement, providing greater heat resistance and durability.
- Extra-large silver contacts extend the switch's service life.
- Each pressure switch is individually boxed and includes a captive nut on the switch cover.
- A 1/4" swivel union allows for easy installation without the need to pivot the switch case, and a set screw is included to lock the swivel in place.
- A raised grounding lug allows for easy connection and securely holds two wires.



Certified to
NSF/ANSI/CAN 61 & 372



No Lead



U.S. Patent #
10,197,051

CERTIFICATIONS:

- NSF/ANSI/CAN 61 & 372 Certified

| DIMENSIONS | | | | | | | |
|-------------|-------|-------|-------|-----------------|------------------|-----------|------------------|
| Part No. | L in. | W in. | H in. | Preset On (PSI) | Preset Off (PSI) | Ctn. Qty. | Approx. Wt./Lbs. |
| MPSXHD3050 | 6.30 | 5.67 | 5.98 | ON @ 30 psi | OFF @ 50 psi | 1 | 3.0 |
| MPSXHD4060 | 6.30 | 5.67 | 5.98 | ON @ 40 psi | OFF @ 60 psi | 1 | 3.0 |
| MPSXHD6080 | 6.30 | 5.67 | 5.98 | ON @ 60 psi | OFF @ 80 psi | 1 | 3.0 |
| MPSXHD80100 | 6.30 | 5.67 | 5.98 | ON @ 80 psi | OFF @ 100 psi | 1 | 3.0 |

| 1/4" NPT SWIVEL UNION - No need to spin switch case | | | | | | | |
|---|---------------------|-----------------|-------|-----------|-----------|------------------|--|
| Part No. | Female x Male | Description | L in. | W & H in. | Ctn. Qty. | Approx. Wt./Lbs. | |
| MPS25UTS | 1/4" NPT x 1/4" NPT | Stop Turn Screw | 1.6 | 0.86 | 1 | 0.15 | |



| HEAVY-DUTY ELECTRICAL RATINGS | | |
|-------------------------------|-----------------|--------------|
| Voltage | Single Phase AC | Polyphase AC |
| 115 | 1/2 HP to 2 HP | 3 HP |
| 230 | 1/2 HP to 3 HP | 5 HP |
| 460-600 | 5 HP | 5 HP |

Heavy-Duty Switch Rating

- 240 volt single phase 3 HP Pump
- 240/600 volt three phase 5 HP Pump



315 Flindt Drive P.O. Box 392
Storm Lake, Iowa 50588-0392 U.S.A.
merrillmfg.com

(800) 831-6962
(712) 732-2760
Fax No. 1-800-ANYFLOW