# MERRITT PROHD

The PROHD is a compact, rugged cast construction joystick. Ideally suited for high-duty cycle mill applications and environmentally challenging applications. It features throttle control capabilities and is rated IP65 for protection against dust and water ingress.



# SPECIFICATIONS

## GENERAL DATA

| | |
|---|---|
| # of Axis | Single |
| Output Options | Contacts, Potentiometer, Encoder, 4-20mA & Transformer |
| Joystick Action | Spring Return, Friction Brake, Maintained |
| Handle Travel | Throttle Control up to +/- 45 degrees each axis |
| Max # of Steps | Up to 7-0-7 |
| Handle Compatibility | Round Ball, Push Button, Mechanical Interlock, RH, BH, MG27 |
| Life | 10 million cycles for maintained action |
| Est. Shipping Dimensions | 13 in. x 10 in. x 6 in. |

## MOUNTING DATA

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|---|---|
| Mounting Style | Drop-in |
| Mounting Footprint | See literature for additional mounting specifications |

## ENVIRONMENTAL DATA

| | |
|---|---|
| IP Rating | IP56 |
| Operating Temperature | -13 to +140 degrees F [-10 to +60 degrees C] |
| Storage Temperature | -40 to +140 degrees F [-40 to +60 degrees C] |

## ELECTRICAL DATA

| | |
|---|---|
| Contact Specifications | Switch Type:<br>Double Pole Snap-In Contact Blocks<br><br>Max. Number:<br>Up to 10 contact blocks (20 circuits)<br><br>Max. Switching Capacity:<br>Making - 100 amps<br>Breaking - (0.7PF) 240V 80 amps<br><br>Rating (AC):<br>Continuous 16 amps @ 240V<br>Resistive 8 amps @ 240V<br>Inductive 6 amps @ 240V<br><br>Termination:<br>Captive Saddle Clamp<br><br>Max. Wire Size:<br>12 AWG |
| Additional Specifications | Reference product literature for additional specifications |

## Technical Drawings