

Thermo Ramsey Tripper Position Switch

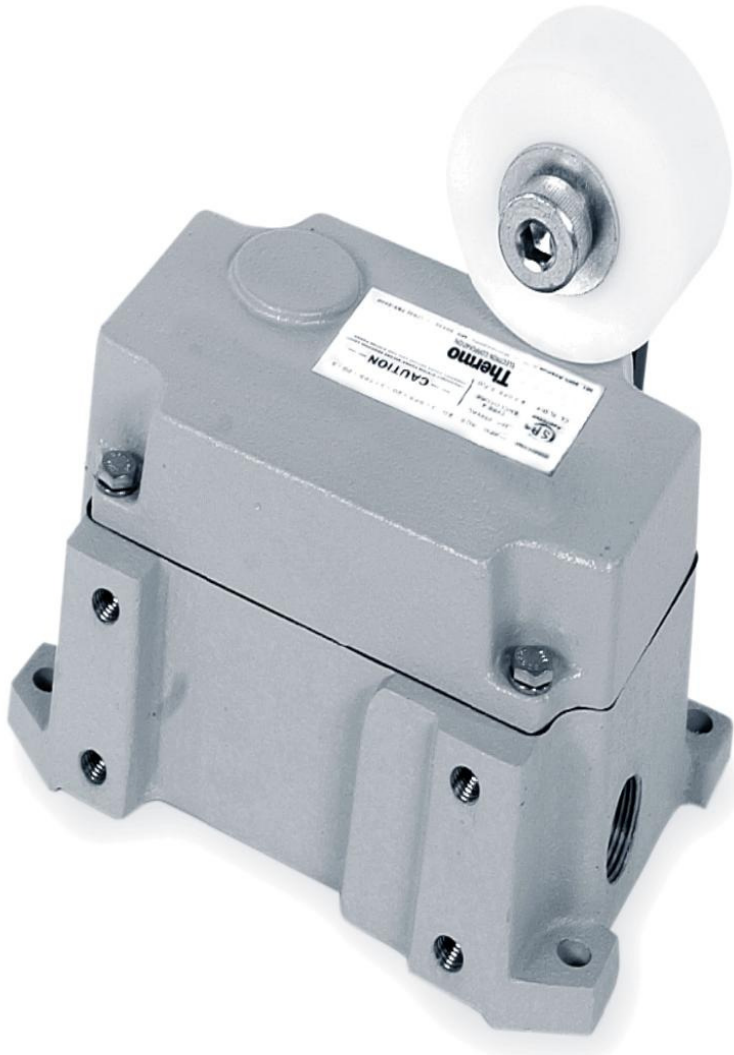
The tripper position switch is an extremely rugged limit switch for those heavy moving equipment applications where a standard switch won't stand up. Its weatherproof cast housing with acetal roller is designed to handle tripper position monitoring in Class II areas. The switch is available with 2 contacts rated 10 AMP at 480 volts. The actuation angle of the switch is independently adjustable in both directions, from 2-60°, by a cam set screw. The heavy duty spring returns the arm to the normal position once the situation returns to normal. Special finishes for highly corrosive conditions are optional.

Applications

- Tripper Position Indicator
- Position Sensing of Heavy Moving Equipment
- Very Heavy Duty Manual On/Off Switch

Models Available

- Class II — CSA Approved
- TPS-2D-3 Dual Switch
TPS-2D-3-NP Dual Switch
Nickel Plated (NEMA-4X)



Ramsey Pro-Line Conveyor Protection Switches

Specification

Outputs	Two SPDT contacts rated for 10A 480V
Temperature	-50°F to +176°F (-45°C to +80°C)
Enclosure Rating	NEMA 4 weatherproof (Optional NEMA 4X)
Conduit Openings	Up to three, threaded 3/4-14 NPT (optional Ø20 mm x 1.5 metric threads)
Actuating Arm Adjustments	22.5° increments from vertical
Agency Approvals	Models with CSA approval for Class II, Division 1 & 2, Groups E, F, & G are available
Actuating Force (ROS)	2.27 kg (5 lb)
Spacing (SPS)	Recommended 30 m (100 ft) switch spacing and cable supports every 3 m (10 ft); maximum spacing of 60 m (200 ft) on horizontal conveyors and 45 m (150 ft) on inclined conveyors
Pull Force Rating (SPS)	3.63 kg (8 lb) to 8.16 kg (18 lb)

Pro-Line enclosure dimensions

