COMUS Group

COMUS International

Part Number: PD5000

2.5 A Hybrid Tilt Switch - Mercury Free

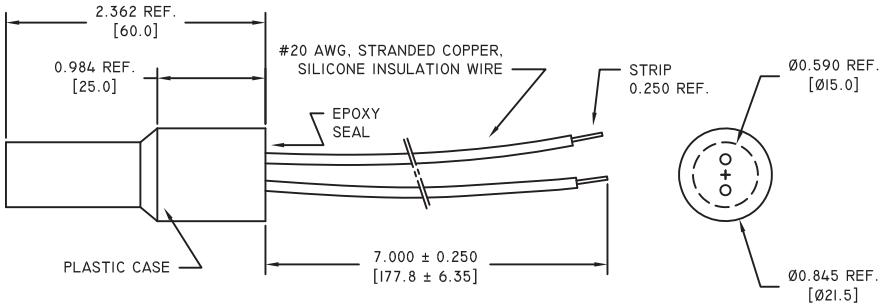
Environmentally friendly tilt switch, contain no hazardous materials. RoHS Compliant

PICTURE OF PRODUCT



✔RoHS Compliant

DRAWING OF PRODUCT



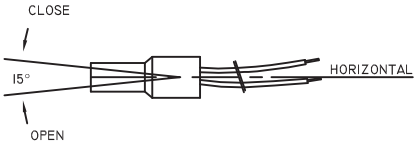
Drawings not to scale. All dimensions in inches [mm] nominal.

FEATURES

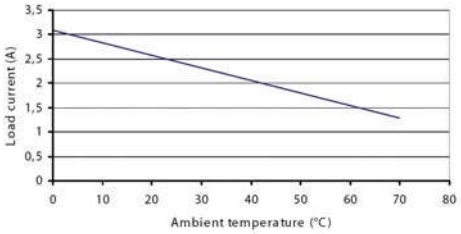
- Technology:
  Hybrid Electronic-electromechanical
- Switching Voltage: 280 VAC Max.
- Switchin Capacity: 2.5 A, 4A Max.
  1 minute on time (duty cycle of 80%)
- Epoxy Sealed
- ABS housing

Option: Adaptations of insulation, cable length and termination available upon request.

WORKING POSITION



DERATING DIAGRAM WITH DUTY CYCLE OF 100%



TECHNICAL SPECIFICATIONS

Property project	Specific parameter
Output	High Commutation Triac
Load Voltage Range	24 to 280 VAC
Load Current Range Continuous	0.1 to 2.5A (@ 23°C ambient)
Differential Angle Max.	15°
Peak-off State Voltage	600 Vdrm
Off-State Leakage Current Max.	30 µA
Surge Current 1 Half Wave	30 A_{peak}
$I^2 t$ For Fusing	5.1 A^2s
On-State Voltage Max.	1.5 V_{peak}
Off-State (Static) dV/dt min.	400 V/µs
Operation Temperature	-25° + 70°C
Case Material	ABS Black Plastic
Cable / Termination	Wire #20 AWG Stranded copper, Gray silicone insulation.

REV. NO.	REVISION NOTE	DATE	SIGNATURE
-	Original	March 2008	LG

TAKE A LOOK AT OUR VARIETY OF PRODUCTS



Float Switches | Acceleration / Shock Switches | Movement Sensors | Tilt / Tip Switches | Reed Relays | Solid State Relays | High Breakdown Switches | Reed Switches | Magnets | Electronic Tilt / Tip Over | Low Cost - Non Mercury Switches | Rubber Keymats - Silicone Rubber

CERTIFIED BY STR-R ISO 9001:2000 REGISTERED COMPANY

As part of the company policy of continued product improvement, specifications may change without notice. Our sales office wil be pleased to help you with the latest information on this product range and the details of our full design and manufacturing service. All products are supplied to our standard conditions of sale unless otherwise agreed in writing

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