Part Number : PD5005-7TC
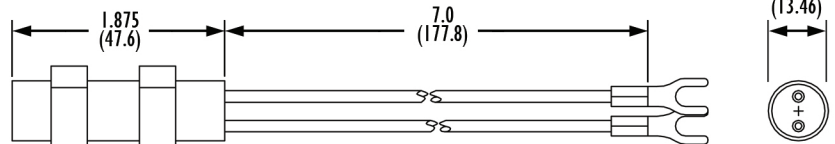## 2.5 A Hybrid Tilt Switch - Mercury Free
Product Data Sheet
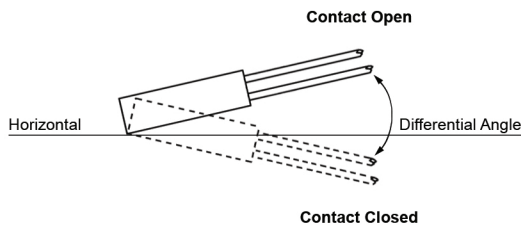
COMUS International

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PICTURE

DIMENSIONS

1.875 (47.6) 7.0 (177.8) .530 (13.46)
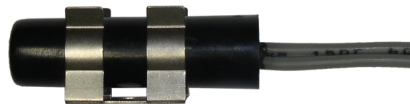
✔RoHS Compliant

Drawings not to scale
All dimensions in inches (mm) nominal.

OPERATION

Contact Open

Horizontal — Differential Angle

Contact Closed

Derating Diagram with duty cycle of 100%
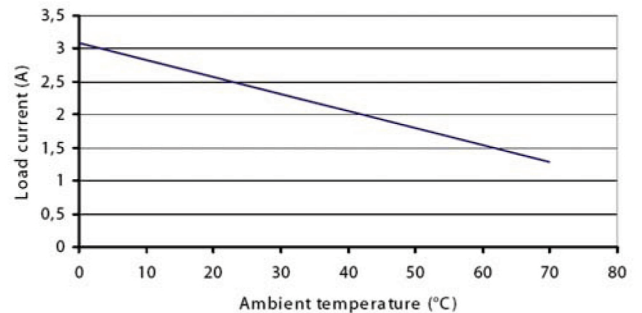
FEATURES

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

OPTION

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

SPECIFICATION

Output	HIGH COMMUTATION TRIAC
Load Voltage Range	24 to 280 VAC
Peak-off State Voltage	600 Vdrm
Off-State Leakage Current Max.	30 µA
Load Current Range Continuous	0.1 to 2.5 A (@ 23°C ambient)
Surge Current 1 Half Wave	30 A$_{peak}$
I²t For Fusing	5.1 A²s
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
Cable	2 x #18(.75mm²) Neoprene Insulated
Differential Angle Max.	15°

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