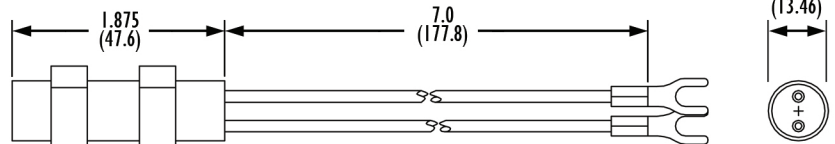
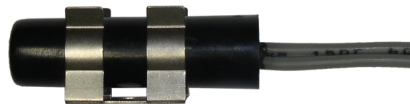


Part Number : PD5005-7TC
2.5 A Hybrid Tilt Switch - Mercury Free
Product Data Sheet



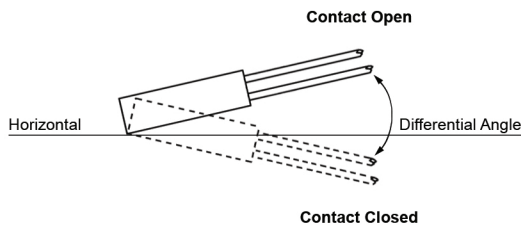
PICTURE **DIMENSIONS**



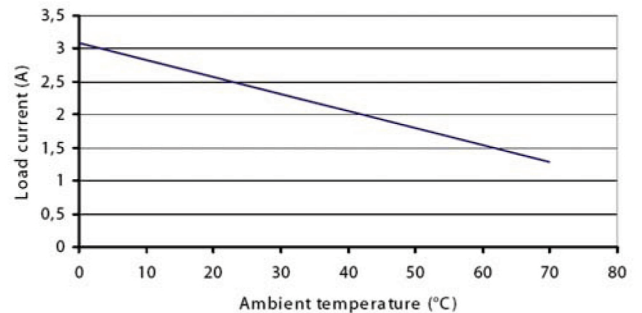
✓ RoHS Compliant

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

OPERATION



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 μ A
Load Current Range Continuous	0.1 to 2.5 A (@ 23°C ambient)
Surge Current 1 Half Wave	30 A _{peak}
I ² t For Fusing	5.1 A ² s
On-State Voltage Max.	1.5 V _{peak}
Off-State (Static) dV/dt min.	400 V/ μ s
Operation Temperature	-25° +70°C
Case Material	ABS
Cable	2 x #18(.75mm ²) Neoprene Insulated
Differential Angle Max.	15°



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