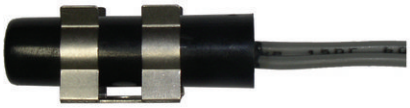
Part Number : PD5005-7TC
2.5 A Hybrid Tilt Switch - Mercury Free
Product Data Sheet

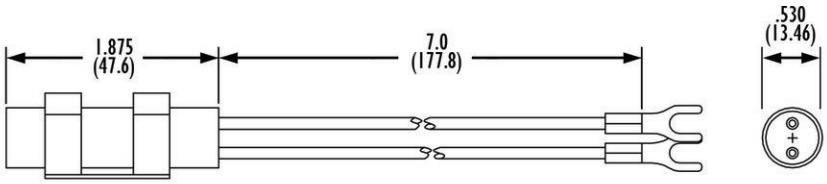
COMUS International

COMUS Group

PICTURE



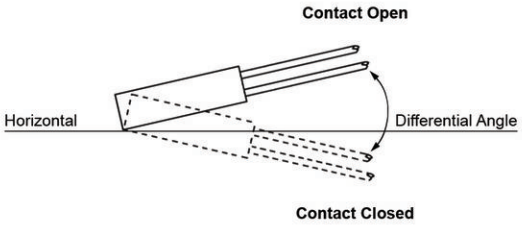
DIMENSIONS



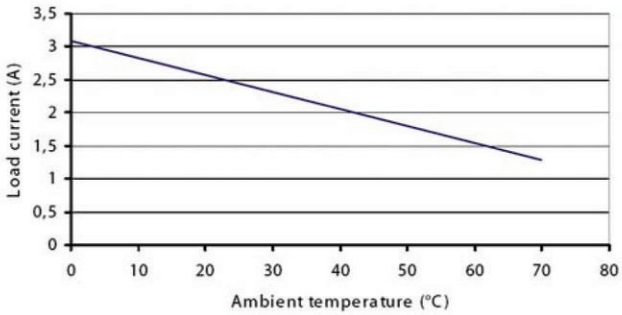
✔RoHS Compliant

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 µA
Load Current Range Continuous	0.1 to 2.5 A (@ 23°C ambient)
Surge Current 1 Half Wave	30 A_{peak}
I^2t 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
Cable	2 x #18(.75mm²) Neoprene Insulated
Differential Angle Max.	15°

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As part of the company policy of continued product improvement, specifications may change without notice. Our sales office will 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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