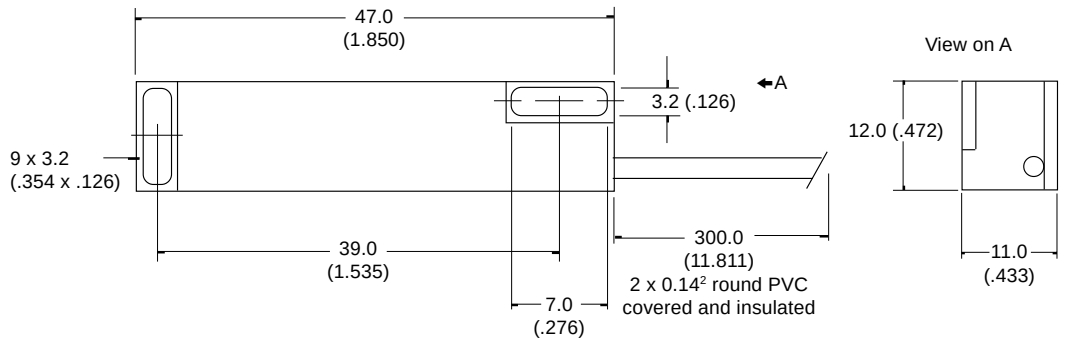
FORM AE043 ISS1

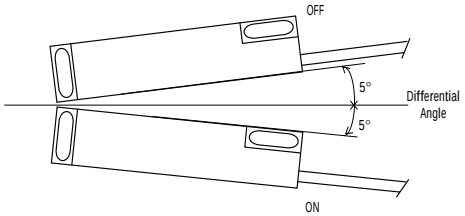
PRODUCT DATA SHEET



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

These switches operate when tilted from the horizontal position. The switch movement required to cause contact change (example off to on) is called the differential angle.
It is very important when designing a tilt switch to allow for the differential angle and understand that when in the horizontal position the switch contact may be open or closed.

SWITCHING VOLTAGE
Unless specified switches can be used on AC and DC loads. For DC voltages reduce AC rating to 70%.



SPECIFICATION

CONTACT FORM/STYLE		See above
SWITCHING VOLTAGE	Max. Vac	240
SWITCHING CURRENT	Max. A	1 at 240 Vac / 1.8 at 120 Vac
SWITCHING CAPACITY (RESISTIVE)	Max. VA	100
DIFFERENTIAL ANGLE	Max. Deg.˚	10
CONTACT RESISTANCE	Max. mΩ	0.3
OPERATING TEMPERATURE	Deg. ˚C	-20˚ +70˚
STORAGE TEMPERATURE	Deg. ˚C	-25˚ +70˚
CASE MATERIAL		ABS

This product is fully sealed to give maximum mechanical protection and minimise the ingress of dust and moisture. As a guide, the product is expected to meet the requirements of IP65.

TILT SWITCH MODULE - Mercury Contact

PART NUMBER
S1039

Rev. No.	Revision Note	Date	Signature
C	Web Site 2001	1-2-01	RG

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 details of our full design and manufacturing service. All products are supplied to our standard conditions of sale otherwise agreed in writing.

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