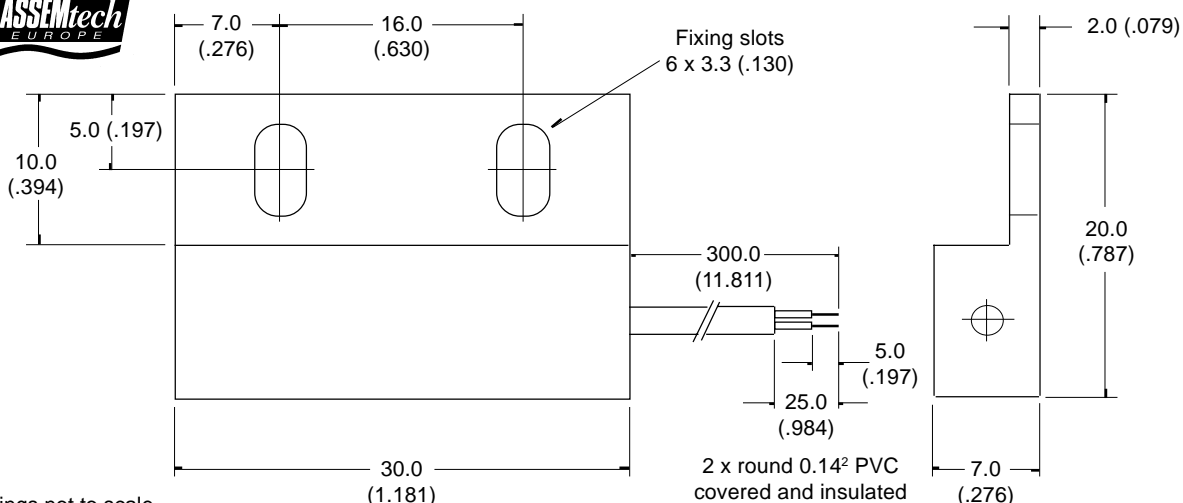


## Comus Group of Companies

## PRODUCT DATA SHEET

Manufactured in the UK

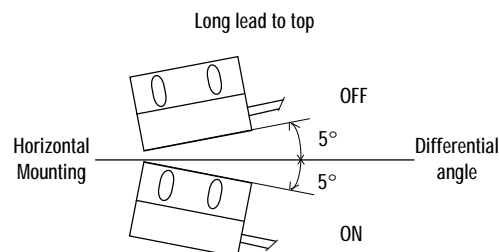


Drawings not to scale  
All dimensions in mm (inches) nominal

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

SWITCHING VOLTAGE	Max. Vac	240
SWITCHING CURRENT	Max. A	0.5
SWITCHING CAPACITY	Max. VA	50
CONTACT RESISTANCE	Max. mΩ	0.25
DIFFERENTIAL ANGLE	Max. Deg.°	10
OPERATING TEMPERATURE (Continuous)	Deg. °C	-20° +70°
OPERATING TEMPERATURE (Intermittent)	Deg. °C	-25° +70°
STORAGE TEMPERATURE	Deg. °C	Blue Polystyrene
CASE MATERIAL		Standard
FEATURES		

These switches are filled with toxic materials and should not be opened

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 Contacts**

PART NUMBER  
**TSM 10/240**

Rev. No.	Revision Note	Date	Signature
D	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.