## Comus Group of Companies

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

| 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 |
| DIFFERENTIALANGLE | Max. Deg. | 10 |
| CONTACT RESISTANCE | Max. $\mathrm{m} \Omega$ | 0.3 |
| OPERATING TEMPERATURE | Deg. ${ }^{\circ} \mathrm{C}$ | $-20^{\circ}+70^{\circ}$ |
| STORAGE TEMPERATURE | Deg. ${ }^{\circ} \mathrm{C}$ | $-25^{\circ}+70^{\circ}$ |
| 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

| 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.

