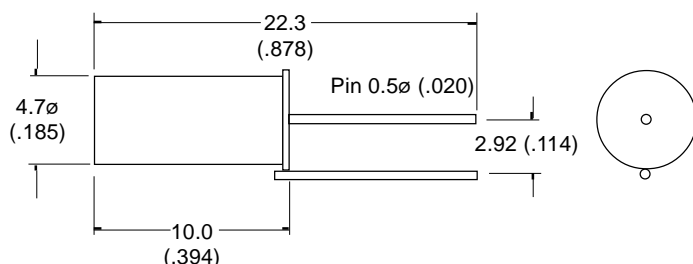


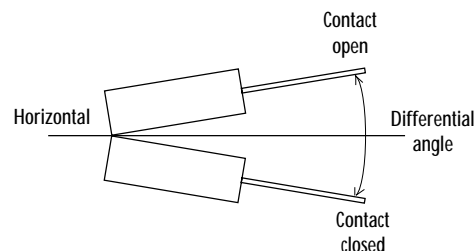
Comus Group of Companies

PRODUCT DATA SHEET



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

CONTACT FORM / STYLE



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.

SPECIFICATION

| | | |
|-----------------------|-----------|---------------------------------|
| CONTACT FORM/STYLE | | See above |
| SWITCHING VOLTAGE | Max. Vac | 60 |
| SWITCHING CURRENT | Max. A | 0.25 |
| SWITCHING CAPACITY | Max. VA | 5 |
| DIFFERENTIAL ANGLE | Max. Deg° | 15 |
| CONTACT RESISTANCE | Max. Ω | 30 |
| OPERATING TEMPERATURE | Deg. °C | -37° + 100° |
| STORAGE TEMPERATURE | Deg. °C | -40° + 125° |
| CASE MATERIAL | | Nickel-tin plated |
| CABLE/TERMINATION | | Pin |
| FEATURES | | Mercury Free Patented Design |

NOTE: When cutting or bending switch leads it is important that the glass seal is not damaged. The cutting or bending point should be no closer than 3mm to the glass to metal seal and the lead should be supported between the cutting or bending point and the glass to metal seal.

TILT SWITCH - Non Mercury Contacts

PART NUMBER
CW 1300-1

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

The Comus Group of Companies consist of:
Assestech Europe Limited
E. Bachem GmbH
Comus International
W. Gunther GmbH
Gunther Belgium
Gunther France
S.T.G.

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