

**POWER OMNIDIRECTIONAL  
TIP-OVER SWITCH  
PD6003**

RoHS Compliant

COMUS developed this switch in 2007, which is similar to switch Part Number PD6001. In contrast the PD6003 can provide more maximum Switching Capacity 40W/VA. The switch has a normally closed contact when vertical and has resistance to low frequency mechanical vibration relative to the vertical axis, therefore a separate power supply is not necessary. The switch has all weather construction, which makes it perfectly suitable for numerous applications such as OEM, military, medical, automotive, alignment, automation, robotics and angle measurement application.



Tip-Over Sensing.....	ON/OFF
When Vertical.....	NC, contact form B
Sensitivity.....	Omnidirectional, 360°
Adjustable Break Angle.....	10°-90° (+/-3°) Per to Customer Requirement
Hysteresis.....	2° +/-1°
Factory Adjustable Set to Customer Requirement	
Electrical Connection.....	Two Wires
Contact Material.....	Rh
Switching Capacity Max. W / VA.....	40
Switching Voltage Max. VDC / VAC.....	400
Switching Current Max. A.....	2.0
Carry Current Max. A.....	3.0
Breakdown Voltage Min. VDC.....	1000
Contact Resistance Max. mOhms.....	80
Insulation Resistance Min. MOhms.....	10,000
Water and Air Proof Construction:.....	Epoxy Encapsulated
Not sensitive to low frequency vibration relative to the vertical axis	

**Dimensions:**

Height.....	2.800" [71.12mm]
Diameter.....	1.000" [25.40mm]

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