

# Enclosure Door Switch



013500-00

## Applications

The door switch can be used for switching a light when opening a door (NC), or to activate a fan when closing a door (NO). The version with single-pole double-throw contact (SPDT) can be used as a normally closed and/or normally open contact. The wide mechanical adjustment range of the door switch offers versatile mounting; the housing is adjustable within a 1-3/8in [35mm] range, while the screw flange with a slotted hole offers an additional 13/16in [21mm]. The travel of the switch is itself another 5/16in [8mm].

## Features

- Tool-free adjustable switch positioning
- Strain relief, suitable for a range of cable diameters
- High switching capacity
- Suitable for light LED 025 and other devices



Door Switch				
Part Number	Price	Contact	Suitable Wire	Drawing Link
<a href="#">013500-00</a>	\$,-417]:	Single-pole double throw (SPDT)	Solid wire or stranded wire with wire end ferrule AWG 18 to 17 [0.75 mm <sup>2</sup> to 1mm <sup>2</sup> ]	<a href="#">PDF</a>
<a href="#">013510-00</a>	\$-417u:	Normally-closed (NC)	Solid wire or stranded wire with wire end ferrule AWG 18 to 16 [0.75 mm <sup>2</sup> to 1.5 mm <sup>2</sup> ]	<a href="#">PDF</a>
<a href="#">013520-00</a>	\$-417v:	Normally-open (NO)	Solid wire or stranded wire with wire end ferrule AWG 18 to 16 [0.75 mm <sup>2</sup> to 1.5 mm <sup>2</sup> ]	<a href="#">PDF</a>

Door Switch Specifications	
<b>Max. Switching Capacity</b>	10A resistive / 1.5 A inductive @ AC 250V
<b>Service Life</b>	VDE: > 10,000 cycles; UL: > 6,000 cycles
<b>Connection</b>	4-pole clamp with strain relief, clamping torque 0.5 lb-in max.
<b>Housing</b>	Plastic according to UL 94V-0, gray/black
<b>Mounting</b>	M5 screws (not included)
<b>Mounting Position</b>	Variable
<b>Weight</b>	Approx. 1.8 oz [50g]
<b>Operating Temperature</b>	-4 to 185°F [-20 to 85°C]
<b>Storage Temperature</b>	-4 to 185°F [-20 to 85°C]
<b>Operating / Storage Humidity</b>	Max. 90% RH (non-condensing)
<b>Protection Type</b>	IP20
<b>Approvals</b>	EAC, VDE, CE

## Wiring Diagram

