Enclosure Door Switch





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	
<u>013500-00</u>	\$38.00	Single-pole double throw (SPDT)	Solid wire or stranded wire with wire end ferrule AWG 18 to 17 [0.75 mm² to 1mm²]	PDF	
<u>013510-00</u>	\$38.00	Normally-closed (NC)	Solid wire or stranded wire with wire end ferrule AWG 18 to 16 [0.75 mm² to 1.5 mm²]	PDF	
<u>013520-00</u>	\$38.00	Normally-open (NO)	Solid wire or stranded wire with wire end ferrule AWG 18 to 16 [0.75 mm² to 1.5 mm²]	PDF	

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

Wiring Diagram

