

Rocker Switch

SPDT, Black



Specifications:

Contact Configuration	: SPDT
Switch Operation	: On-On
Contact Current Max.	: 20A
Switch Mounting	: Panel
Actuator / Cap Colour	: Black
Bezel Depth	: 32mm
Bezel Width	: 13.7mm
Contact Material	: Silver Alloy
Contact Resistance	: 20mΩ
Contact Voltage AC Max.	: 250V AC
Dielectric Strength V AC	: 3.5kV
External Depth	: 27.7mm
External Width	: 10.6mm
Height	: 18mm
Inductive Current Rating	: 6A
Insulation Resistance	: 50MΩ
Insulation Resistance Voltage	: 500V DC
Material	: Nylon 6.6
No. of Electrical Operations	: 20,000
No. of Mechanical Operations	: 10,0000
Panel Cut-out length	: 30mm
Panel Cutout Width	: 11mm
Panel Thickness Min.	: 1mm
Panel Thickness Max.	: 3mm
Resistive Current Rating	: 16A

Electrical Properties

Contact Gap	≥ 3
Insulation Spacing	≥ 8
Contact Resistance (mΩ)	<2 0 Initially
Dielectric Strength (kV)	Up to 3.5
Insulation Resistance (MΩ)	>50 (500V DC between the Open Contacts) Initially
Electrical Life	$\geq 20,000$ Cycles at Full Load
Resistance to Tracking	PTI 250

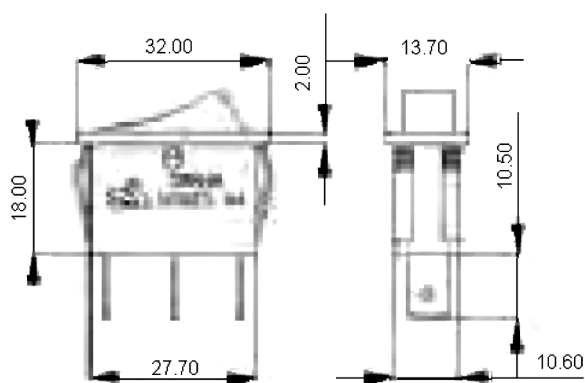
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Mechanical Properties

Glow Wire Test	850°C (Category D)	
Mechanical Life	≥ 100,000 Cycles	
Material	Button/Body	Nylon 6.6
	Illuminated Button	Polycarbonate
	Terminals	Copper Alloy
	Contact	Silver Alloy



Dimensions : Millimetres

Panel Cut-out

Panel Thickness	Length (+0.1/-0.1)	Width (+0.1/-0.1)
1 (Min.)	30	11
3 (Max.)	30.2	

Part Number Table

Description	Part Number
Rocker Switch, SPDT, Black	MC34231-011-21
	MC34231-001-71
	MC34224-071-1501
	MC34231-091-72

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