

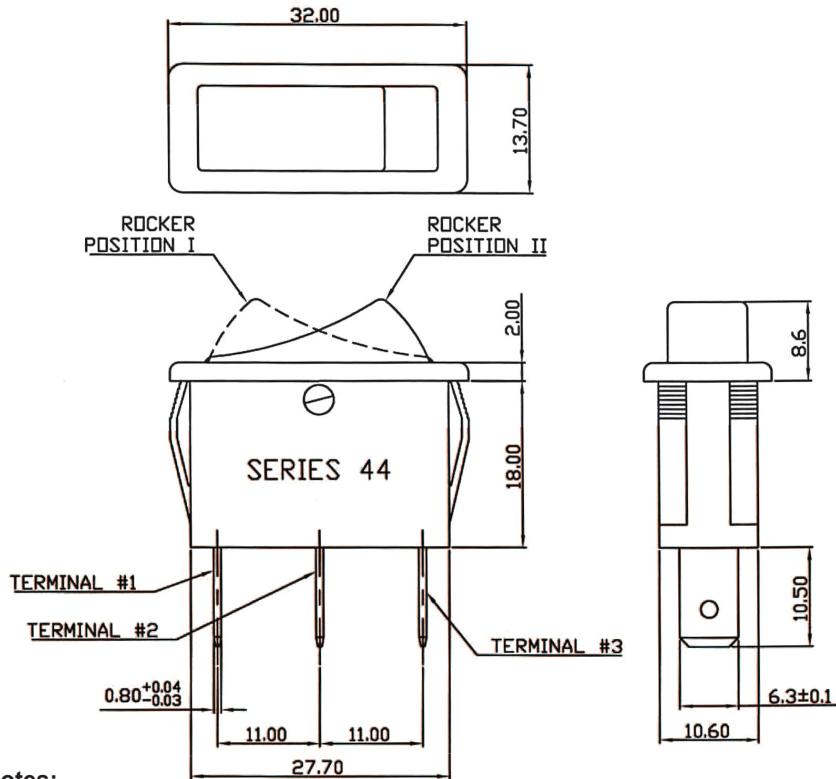


PART NO.

MC34231-011-21

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	1.0	RELEASED	AB	09/11/15	ER	09/11/15	ER	09/11/15



Specifications:

Terminal Type : 6.3 × 0.8mm Quick Connect  
 Circuit Function : SPST / On-Off SPDT / On-On  
 SPST / On-Off, Illuminated  
 Ratings : 15A 250V AC  
 20A 125V AC (UL/C-UL)  
 16(6)A 250V (VDE/ENEC) / 16(6)A 250V (CQC)

Technical Specifications:

Contact Gap : ≥3mm  
 Insulation Spacing : ≥8mm  
 Contact Resistance : <20mΩ initially  
 Dielectric Strength : Up to 3.5kV  
 Glow Wire Test : 850°C (Category D)  
 Flammability : UL94V-2 min.  
 Resistance to Tracking : PTI 250  
 Insulation Resistance : >50MΩ (500V DC between the open contacts) initially  
 Endurance : Mechanical Life ≥100,000 cycles  
 Electrical life ≥ 20,000 cycles at full load

Material

Button/Body : Nylon 6/6  
 Illuminated Button : Polycarbonate  
 Terminals : Copper Alloy  
 Contacts : Silver Alloy

Notes:

Recommended Panel Cutout:

Panel Thickness	Cutout Size (mm)
1mm (min.)	29.9 ~ 30.1 × 10.9 ~ 11
3mm (max.)	30.1 ~ 30.3 × 10.9 ~ 11

Switch Logic:

Rocker Position	Terminal #1 to #2	Terminal #2 to #3
1	Closed	Open
2	Open	Closed

Part Number Table

Description	Part Number
Switch, Rocker SPDT Black series 44	MC34231-011-21

www.element14.com  
 www.farnell.com  
 www.newark.com

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DRAWN BY:	DATE:
AB	09/11/15
CHECKED BY:	DATE:
ER	09/11/15
APPROVED BY:	DATE:
ER	09/11/15

DRAWING TITLE:			
Rocker Switch			
SIZE	DWG NO.	ELECTRONIC FILE	REV
A4	MC34231-01	MC1	1.0
SCALE: NTS		U.O.M.: mm	SHEET: 1 of 1