Series R19U — Ultra-Miniature Power Rocker Switches

SPECIFICATIONS:

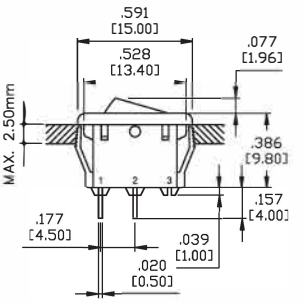
CONTACT RATING: 3A 250VAC 6A 125VAC.
ELECTRICAL LIFE: 10,000 Operations.
MECHANICAL LIFE: 10,000 Operations min.
CONTACT RESISTANCE: <20m-omhs.
INSULATION RESISTANCE: 500VDC, 100M-ohms min.
DIELECTRIC STRENGTHS: 1,000VAC for 1minute.

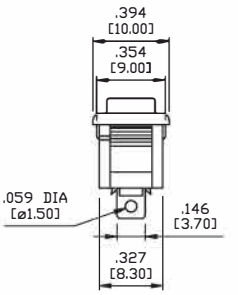
MATERIALS:

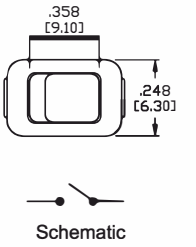
BODY: Nylon 66 (UL 94V-2).
ACTUATOR: Nylon 66 (UL 94V-2).
MOVABLE CONTACTS: Copper, silver plated.
SPRING: Piano wire.
TERMINALS: Copper, silver plated.

Specifications and Dimensions subject to change

Model No.	Type
33A	ON-OFF
33B	ON-ON
33C	(ON)-OFF

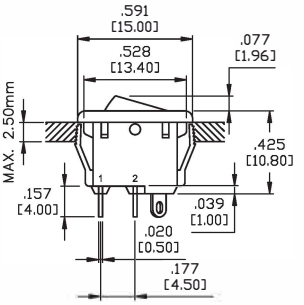


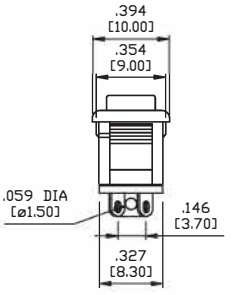


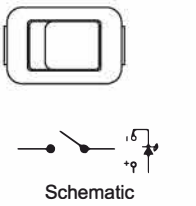


Model No.	Type
33E	ON-OFF W/LED

LED Color	
6	Red
7	Orange
8	Green







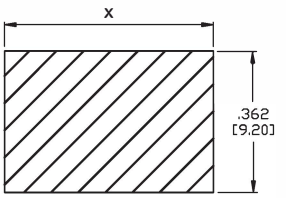
MARK OPTIONS

A B D E F H I

Illuminated — Illuminated

PANEL MOUNTING

	X Cutout Dimension	Panel Thickness
A	.535 [13.60] +0.00 -0.10	0.75~1.25
B	.539 [13.70] +0.00 -0.10	1.25~2.00
C	.543 [13.80] +0.00 -0.10	2.00~2.50



COLOR OPTIONS

Actuator Color		Body Color	
1	White	A	White
2	Black (Std.)	B	Black
3	Gray	C	Gray
6	Red		

HOW TO ORDER

R19U — [ ] — [ ] — [ ] — [ ] — M2

Series — Model No. — Mark — Actuator / LED Color — Body Color — Termination

SPECIFICATIONS:

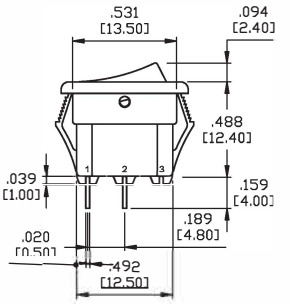
CONTACT RATING: 3A 250VAC 6A 125VAC.
ELECTRICAL LIFE: 10,000 Operations.
MECHANICAL LIFE: 10,000 Operations min.
CONTACT RESISTANCE: <20m-omhs.
INSULATION RESISTANCE: 500VDC, 100M-ohms min.
DIELECTRIC STRENGTHS: 1,000VAC for 1minute.

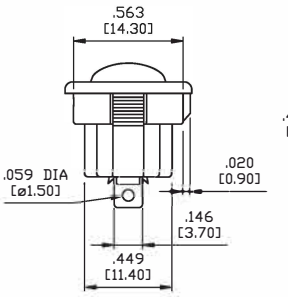
MATERIALS:

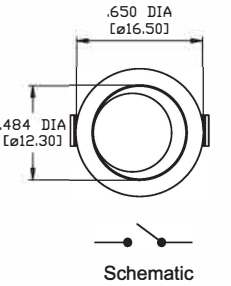
BODY: Nylon 66 (UL 94V-2).
ACTUATOR: Nylon 66 (UL 94V-2).
MOVABLE CONTACTS: Copper, silver plated.
SPRING: Piano wire.
TERMINALS: Copper, silver plated.

Specifications and Dimensions subject to change

Model No.	Type
R112	ON-ON
R112A	ON-OFF
R112B	ON-OFF W/LED



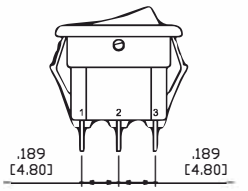




Schematic

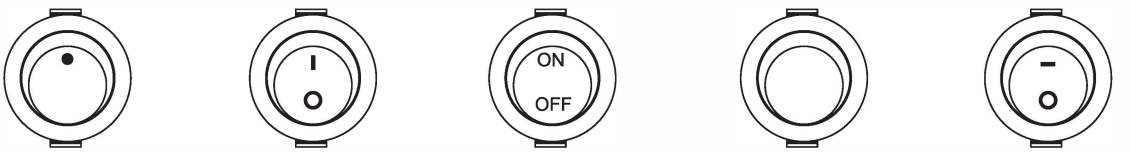
Lamp Color	
6	Red
7	Orange
8	Green

* R112B Only

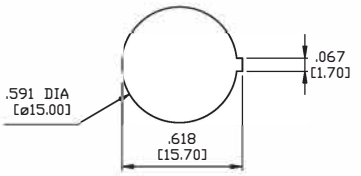


Schematic with LED

MARK OPTIONS



PANEL MOUNTING

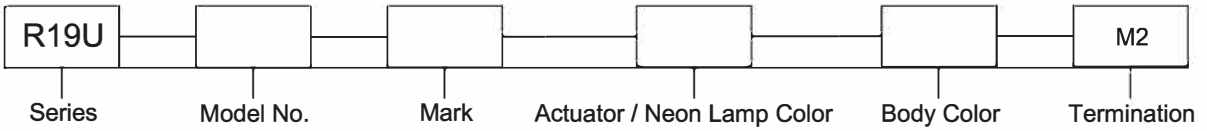


PANEL THICKNESS (1.00~2.00mm)

COLOR OPTIONS

Actuator Color		Body Color	
1	White	A	White
2	Black (Std.)	B	Black
3	Gray	C	Gray
6	Red		

HOW TO ORDER



SPECIFICATIONS:

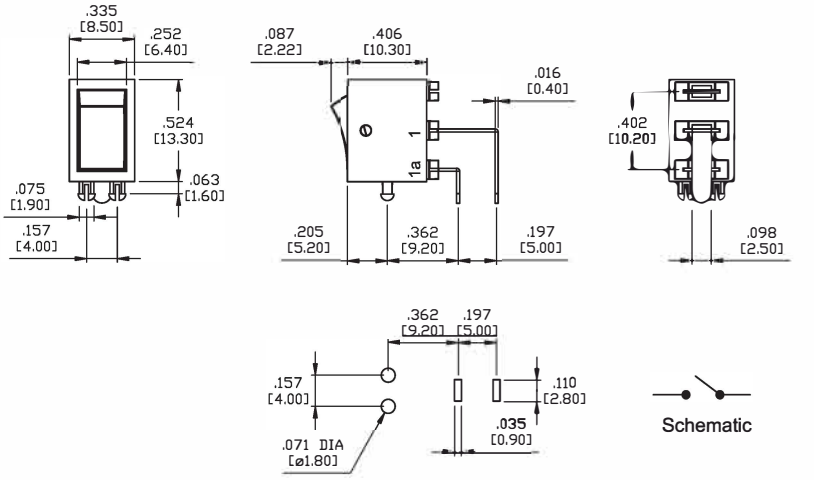
CONTACT RATING: 3A 250VAC/125VAC.
ELECTRICAL LIFE: 10,000 Operations.
MECHANICAL LIFE: 10,000 Operations min.
CONTACT RESISTANCE: <20m-omhs.
INSULATION RESISTANCE: 500VDC, 1000M-ohms min.
DIELECTRIC STRENGTHS: 1,500VAC for 1minute.

MATERIALS:

BODY: Nylon 66 (UL 94V-2).
ACTUATOR: Nylon 66 (UL 94V-2).
MOVABLE CONTACTS: Copper, silver plated.
SPRING: Piano wire.
TERMINALS: Brass, silver plated.

Specifications and Dimensions subject to change

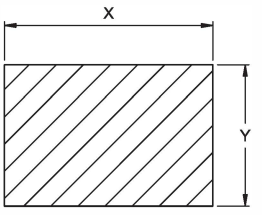
Model No.	Type
33A	ON-OFF
33B	ON-ON



MARK OPTIONS

PANEL MOUNTING

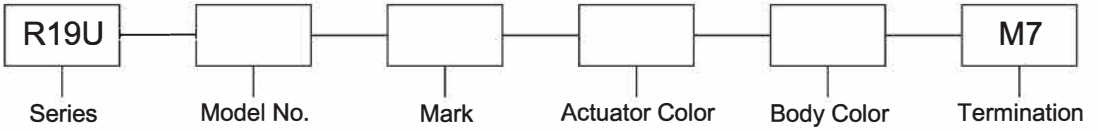
X Cutout Dimension	Y Cutout Dimension
.528~.543 [13.40~13.80]	.338~.354 [8.60~9.00]



COLOR OPTIONS

Actuator Color		Body Color	
1	White	A	White
2	Black (Std.)	B	Black
3	Gray	C	Gray
5	Yellow		
6	Red		
7	Orange		
8	Green		
9	Blue		

HOW TO ORDER



SPECIFICATIONS:

CONTACT RATING: 3A 250VAC/125VAC.
ELECTRICAL LIFE: 10,000 Operations.
MECHANICAL LIFE: 10,000 Operations min.
CONTACT RESISTANCE: <50m-omhs.
INSULATION RESISTANCE: 500VDC, 100M-ohms min.

MATERIALS:

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ACTUATOR: Nylon 66 (UL 94V-2).
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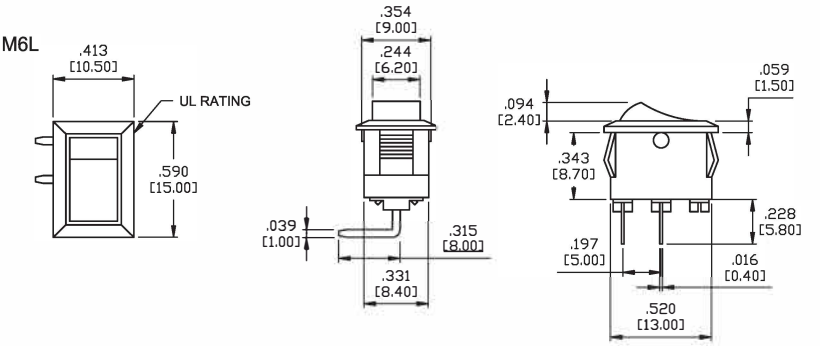
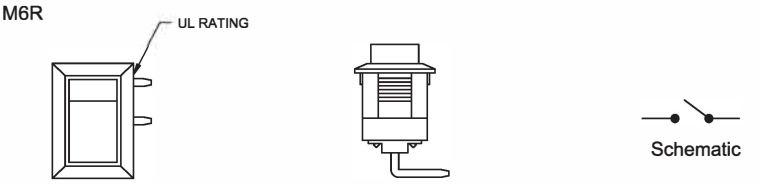
SPRING: Piano wire.
TERMINALS: Brass, silver plated.

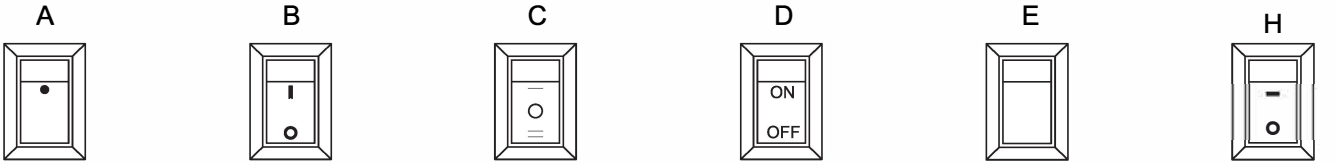
Specifications and Dimensions subject to change

Model No.	Type
33A	ON-OFF
33B	ON-ON



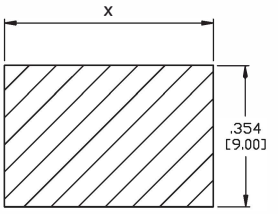


MARKING OPTIONS

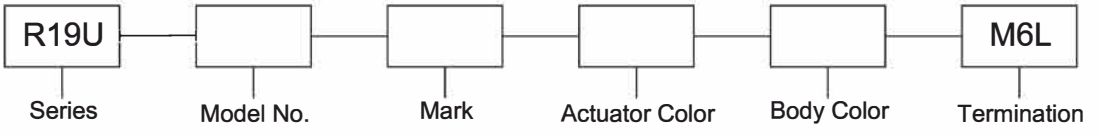


PANEL MOUNTING

	X Cutout Dimension	Panel Thickness
A	.547 [13.90] +0.00 -0.10	0.75~1.25
B	.555 [14.10] +0.00 -0.10	1.25~2.00
C	.563 [14.30] +0.00 -0.10	2.00~3.00



COLOR OPTIONS

Actuator Color		Body Color	
1	White	A	White
2	Black (Std.)	B	Black
3	Gray	C	Gray
5	Yellow		
6	Red		
7	Orange		
8	Green		
9	Blue		

HOW TO ORDER