



GENERAL SPECIFICATIONS

Ratings

Electrical Capacity (Resistive Load):	1.5A @ 125/250V AC or 1.5A @ 30V DC
Contact Resistance:	10 milliohms maximum for solder lug & screw terminal models 30 milliohms maximum for wire lead terminal models
Insulation Resistance:	200 megohms minimum @ 500V DC
Dielectric Strength:	1,250V AC minimum between contacts; 3,750V AC minimum between contacts & case
Mechanical Life:	30,000 operations minimum
Electrical Life:	15,000 operations minimum maintained circuits; 10,000 operations minimum momentary circuits
Angle of Throw:	24°

Materials & Finishes

Rocker:	Polyphenylene ether
Housing:	Polyamide
Base:	Melamine
Flange Gasket:	Nitrile butadiene rubber
Movable Contact:	Brass with silver plating
Movable Contacts:	Silver alloy plus copper with silver plating
Stationary Contacts:	Silver alloy plus copper with silver plating
Terminals:	Brass with silver plating
Wire Lead Covers:	Heat resistant polyvinyl chloride (Leads are AWG 14.)

Environmental Data

Operating Temp Range: -25°C through +85°C (-13°F through +185°F)

Installation

Soldering Time & Temperature: 3 seconds @ 350°C

Standards & Certifications

Flammability Standards: UL94V-0 outer housing
UL AWM 1015 & CSA TEW 105: See [Engineering Particulars](#) page for details on wire lead models.

TYPICAL SWITCH ORDERING EXAMPLE

WR

1

2

B

S

ROCKERS

A	Black
B	Ivory

TERMINALS

S	Solder Lug with Epoxy Seal
SN	Solder Lug without Epoxy Seal
T	Screw Lug with Epoxy Seal
TN	Screw Lug without Epoxy Seal
L	Wire Lead

POLES

1	SPST
	SPDT

CIRCUITS

1	ON	NONE	OFF
2	ON	NONE	ON
3	ON	OFF	ON
5	ON	NONE	(ON)
8	(ON)	OFF	(ON)
9	ON	OFF	(ON)

() = Momentary

DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

WR12BS

SPDT ON-NONE-ON Circuit

Ivory Rocker

Solder Lug Terminals with Epoxy Seal

Dimensions



Series WR

Environmentally Sealed Rocker Switches

POLES & CIRCUITS

		Rocker Position () = Momentary			Connected Terminals			Throw & Schematics
Pole	Model	Down 	Center 	Up 	Down 	Center 	Up 	
SP	WR11	ON	NONE	OFF	1a -1b	OPEN	OPEN	SPST
SP	WR12 WR13 WR15 WR18 WR19	ON ON ON (ON) ON	NONE OFF NONE OFF OFF	ON ON (ON) (ON) (ON)	1-1b	OPEN	1-1a	SPDT

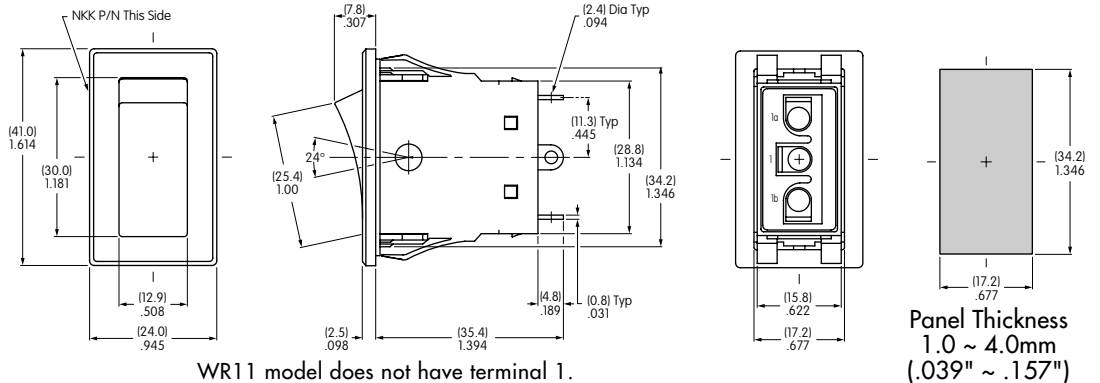
Note: Terminal numbers are not actually on wire lead models.

TYPICAL SWITCH DIMENSIONS

Solder Lug Terminals



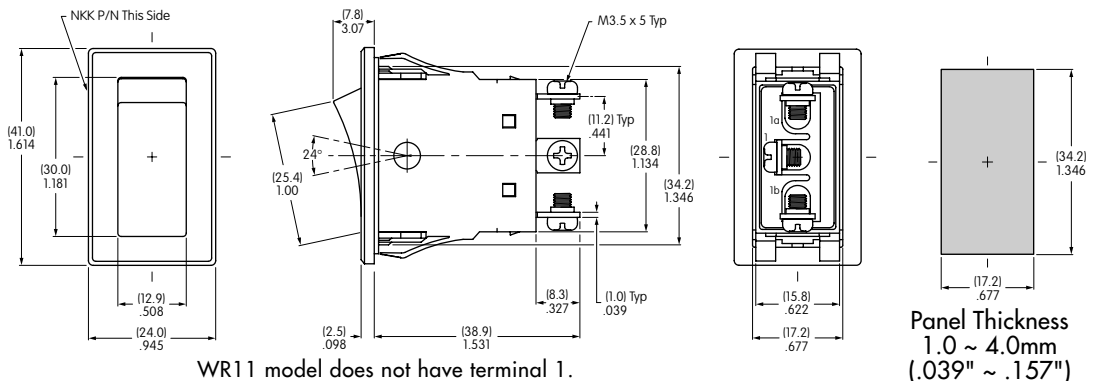
WR12AS



Screw Terminals



WR12AT



Wire Lead Terminals



WR12BL

