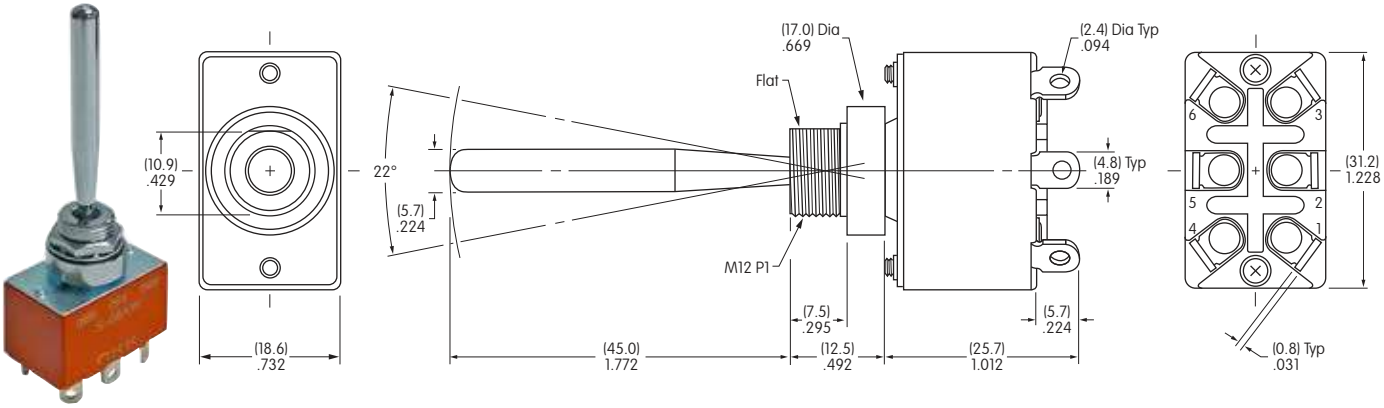
S28AW45

Bushing Mount • Double Pole • Solder Lug

Dimensions in mm/inch



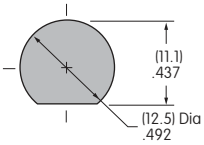
BASE SWITCH

Part Number

S28AW

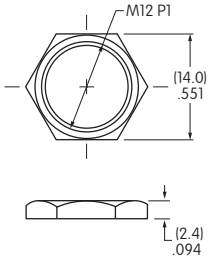
PANEL CUTOUT

Maximum Panel Thickness:
.158" (4.0mm) Maximum



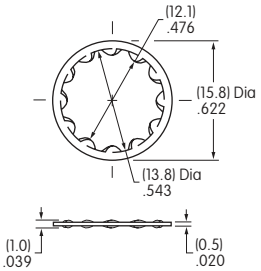
STANDARD HARDWARE

Hexagon Face Nut



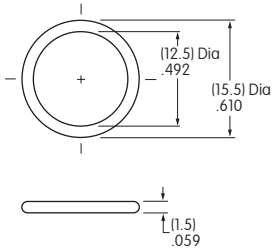
1 included with each switch
Material: Brass with tin-cobalt alloy plating

Internal Tooth Lockwasher



1 included with each switch
Material: Phosphor bronze with chrome plating

AT537 O-ring

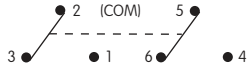


1 included with each switch
Material: Nitrile butadiene rubber

POLE & CIRCUIT

		Toggle Position/ Connected Terminals ( ) = Momentary					Throw & Schematics
Pole	Model	Down		Center	Up		
DP	**S28AW**	(ON)	2-3 5-6	OFF	(ON)	2-1 5-4	DPDT

Note: Terminal numbers are actually on the switch.



CONTACT MATERIALS & RATINGS

Silver over Silver

Power Level

15A @ 125V AC & 6A @ 250V AC

Base Switch Specifications

Electrical Capacity (Resistive & Inductive Load)

Power Level:	15A @ 125V AC & 6A @ 250V AC; 20A @ 30V DC

Other Ratings

Contact Resistance:	10 milliohms maximum
Insulation Resistance:	1,000 megohms minimum @ 500V DC
Dielectric Strength:	2,000V AC minimum for 1 minute minimum
Mechanical Life:	30,000 operations minimum
Electrical Life:	25,000 operations minimum
Angle of Throw:	22°

Materials & Finishes

Toggle:	Brass with chrome plating
Bushing:	Brass with chrome plating
Case:	Phenolic resin
Case Cover:	Steel with zinc plating
Movable Contactor:	Copper with silver plating
Movable Contacts:	Silver alloy capped on copper with silver plating
Stationary Contacts:	Silver alloy capped on copper with silver plating
Terminals:	Brass with tin plating

Environmental Data

Operating Temperature Range:	–30°C through +70°C (–22°F through +158°F)
Front Panel Sealing:	IP67 of IEC 60529, dust tight & water protected during temporary immersion

Installation

Mounting Torque:	1.47Nm (13 lb•in) for single nut
Soldering Time & Temperature:	Manual Soldering: 390°C maximum for 4 seconds maximum, 2 cycles