

GENERAL-PURPOSE MICRO SWITCHES S13 SERIES

Features

- 5 current ratings choice of actuator styles
- 3 terminal types (optional screw terminals available - consult factory)
- 3 contact arrangements
- Long-life coil spring mechanism
- High-temperature 150 and 200 available on select models (consult factory)

Definitions of Operating Characteristics

OF	Operating Force	PT	Pretravel
RF	Releasing Force	MD	Movement Differential
OT	Overtravel	OP	Operating Position
TT	Total Travel		

Specifications

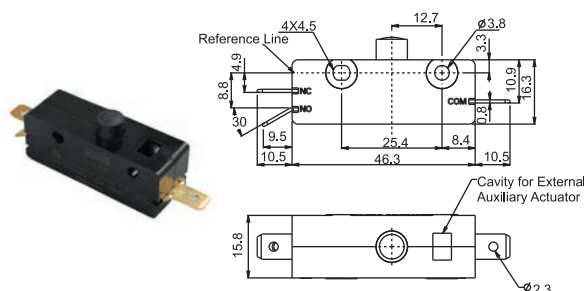
Electrical

Electrical Rating:	15A, 125/250VAC; 3/4HP, 125VAC 1-1/2HP, 250VAC
Temperature Rating:	105°C Std. (150°C and 200°C optional)
Flammability Rating:	UL94-V0

Materials

Case:	General Purpose Phenolic
Actuating Button:	Thermoplastic Nylon
Common Terminals:	Brass
NO and NC Terminals:	Brass
Moving Blade:	Brass
Spring:	Stainless Steel
Auxiliary Actuators:	Cold-Rolled Steel (Nickel-Plated)
Roller:	Sintered Stainless Steel
Contacts:	Silver-Cadmium Oxide

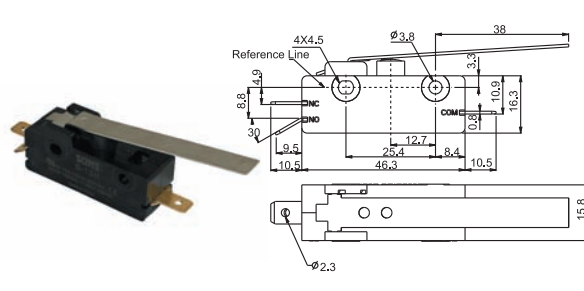
Dimensions Unit: mm



S-13E

Operating Characteristics

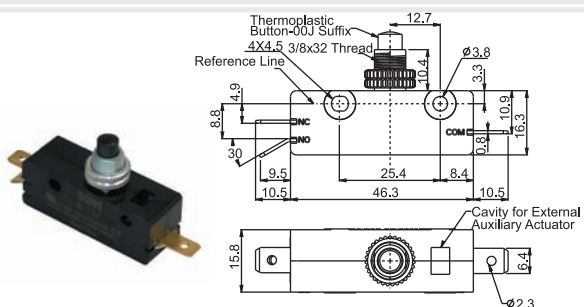
OF(Max):	425g	OT(Min):	2.54mm(0.100inch)
PT(Max):	1.27mm(0.050inch)	MD(Max):	0.38mm(0.015inch)
		OP:	7.24±0.51mm(0.285±0.020inch)



S-13H

Operating Characteristics

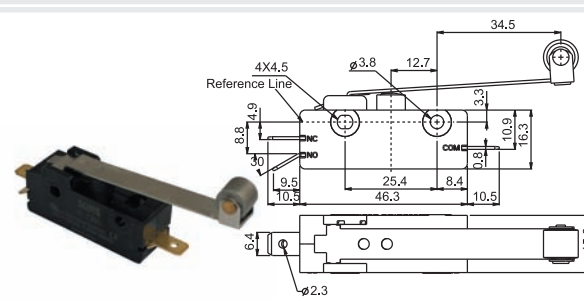
OF(Max):	100g	OT(Min):	4.75mm(0.187inch)
PT(Max):	6.35mm(0.250inch)	MD(Max):	2.36mm(0.093inch)
		OP:	7.93±1.57mm(0.312±0.062inch)



S-13J

Operating Characteristics

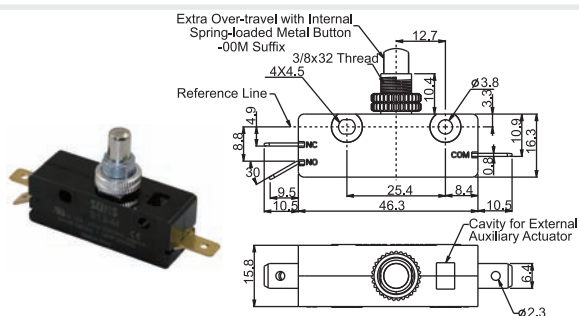
OF(Max):	425g	OT(Min):	2.74mm(0.108inch)
PT(Max):	1.27mm(0.050inch)	MD(Max):	0.38mm(0.015inch)
		OP:	17.02±0.76mm(0.670±0.030inch)



S-13K

Operating Characteristics

OF(Max):	100g	OT(Min):	4.75mm(0.187inch)
PT(Max):	6.35mm(0.250inch)	MD(Max):	2.36mm(0.093inch)
		OP:	18.24±1.57mm(0.718±0.062inch)



S-13M

Operating Characteristics

OF(Max):	425g	OT(Min):	5.54mm(0.218inch)
PT(Max):	1.27mm(0.050inch)	MD(Max):	0.38mm(0.015inch)
		OP:	20.63±0.76mm(0.812±0.030inch)

Note: SPST 1NO OR SPST 1NC is available as request, add "1" or "2" suffix to the part number

Example: S-13E1: SPST 1NO

S-13H2: SPST 1NC