

## GENERAL-PURPOSE MICRO SWITCHES S19 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°C and 200°C available on select models (consult factory)

### 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

### Definitions of Operating Characteristics

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

### Dimensions Unit: mm

**S-19E**  
Operating Characteristics

OF(Max):	850g	OT(Min):	2.03mm(0.080inch)
PT(Max):	1.27mm(0.050inch)	MD(Max):	0.38mm(0.015inch)
		OP:	7.24±0.76mm(0.285± 0.030inch)

**S-19H**  
Operating Characteristics

OF(Max):	205g	OT(Min):	4.75mm(0.187inch)
PT(Max):	6.99mm(0.275inch)	MD(Max):	2.36mm(0.093inch)
		OP:	7.92±1.57mm(0.312± 0.062inch)

**S-19J**  
Operating Characteristics

OF(Max):	850g	OT(Min):	2.03mm(0.080inch)
PT(Max):	1.27mm(0.050inch)	MD(Max):	0.38mm(0.015inch)
		OP:	17.02±0.76mm(0.670± 0.030inch)

**S-19K**  
Operating Characteristics

OF(Max):	212g	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-19M**  
Operating Characteristics

OF(Max):	850g	OT(Min):	5.54mm(0.218inch)
PT(Max):	1.27mm(0.050inch)	MD(Max):	0.38mm(0.015inch)
		OP:	20.62±0.76mm(0.812± 0.030inch)

Note #1:  
2NO OR 2NC is available as request, please add "1" or "2" after the model  
Example: S-19E1: 2NO  
S-19E2: 2NC

Note #2:  
With respect to operating sequence, pole 1 or 2 may operate first (virtually same time). If pole 1 or 2 must always operate in a particular sequence please contact us.