GENERAL-PURPOSE MICRO SWITCHES S20 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)

Definitions of Operating Characteristics

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

Specifications

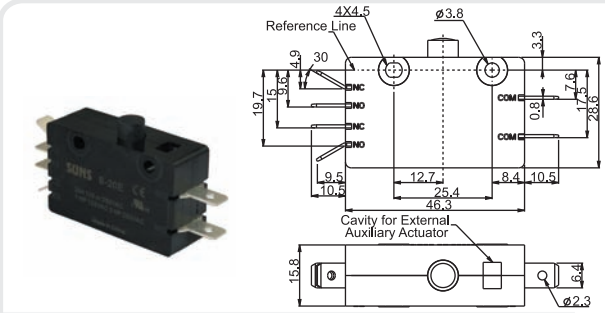
Electrical

Electrical Rating:	25A, 125/250VAC; 1HP,125VAC 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:	Silver-Plated Brass
NO and NC Terminals:	Silver-Plated Brass
Moving Blade:	Silver-Plated Beryllium Copper
Spring:	Stainless Steel
Auxiliary Actuators:	Cold-Rolled Steel (Nickel-Plated)
Roller:	Sintered Stainless Steel
Contacts:	Silver-Cadmium Oxide

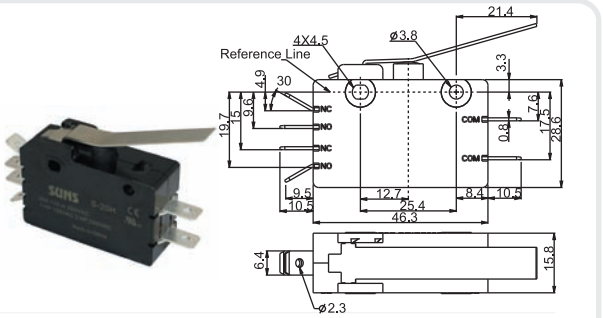
Dimensions Unit: mm



S-20E

Operating Characteristics

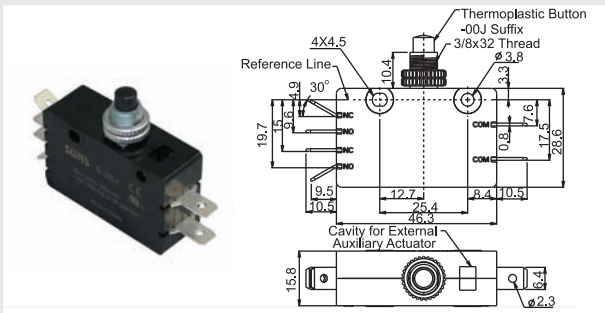
OF(Max): 1280g
PT(Max): 2.54mm(0.100inch)
OT(Min): 1.27mm(0.050inch)
MD(Max): 0.38mm(0.015inch)
OP: 6.30±0.76mm(0.248± 0.030inch)



S-20H

Operating Characteristics

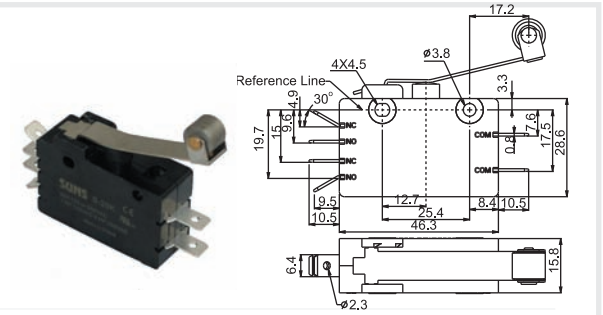
OF(Max): 425g
PT(Max): 8.38mm(0.330inch)
OT(Min): 3.96mm(0.156inch)
MD(Max): 20.85mm(0.821inch)
OP: 11.89±1.57mm(0.468± 0.062inch)



S-20J

Operating Characteristics

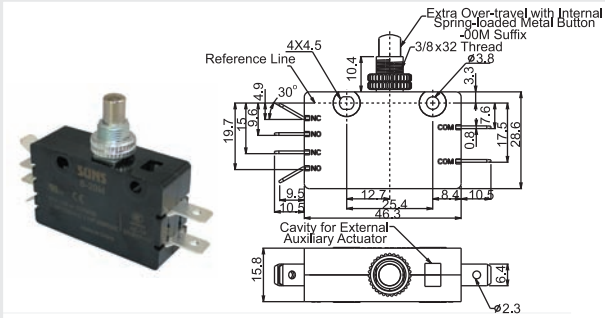
OF(Max): 1280g
PT(Max): 2.54mm(0.100inch)
OT(Min): 1.27mm(0.050inch)
MD(Max): 0.38mm(0.015inch)
OP: 16.00±0.76mm(0.630± 0.030inch)



S-20K

Operating Characteristics

OF(Max): 425g
PT(Max): 8.84mm(0.348inch)
OT(Min): 3.96mm(0.156inch)
MD(Max): 1.14mm(0.045inch)
OP: 21.84±1.57mm(0.860± 0.062inch)



S-20M

Operating Characteristics

OF(Max): 1280g
PT(Max): 2.54mm(0.100inch)
OT(Min): 4.78mm(0.188inch)
MD(Max): 0.38mm(0.015inch)
OP: 19.66±0.76mm(0.774± 0.030inch)

Note #1:
2NO OR 2NC is avaliable as request, please add"1" or"2" after the model
Example: S-20E1: 2NO
S-20E2: 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.