

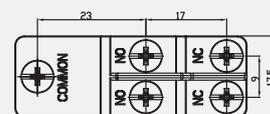
GENERAL-PURPOSE MICRO SWITCHES ZY-10 SERIES

Specifications

Operating Speed	0.01mm-1m/sec
Operating Frequency	Mechanical: 240ops/min Electrical: 20 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<15mΩ
Rated Current/Voltage	10A 1/2HP 125/250VAC, 2A 480VAC, 0.5A 125VDC, 0.25A 250VDC
Dielectric Strength	1000VAC for 1 min between current carrying parts 1500VAC for 1 min between non-current carrying parts
Service Life	Mechanically 1.0 x 10 ⁶ (operations) Electrically 5 x 10 ⁵ (operations)
Operating Temperature	-25~+80°C (-13~176°F)
Humidity	35%~85%RH
Degree of Protection	general type:IP00 drip-proof type(suffix:-55):IP62

Definitions of Operating Characteristics

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

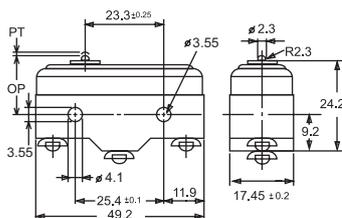


Ratings

Item	Rate Voltage	Non-inductive load (A)				Inductive load (A)			
		Resistive load		Bulb load		Inductive load		Motor load	
		NC	NO	NC	NO	NC	NO	NC	NO
Series connection	AC125/250	10	10	4	2	6	6	5	2.5
		10	10	2.5	1.5	6	3	3	1.5
	DC 30/125/250	10	1	4	2	6	0.1	6	0.1
Parallel connection	AC125/250	6	6	3	1.5	4	4	4	2
		6	6	2.5	1.25	4	2	2	1
		6	0.6			4	0.1		
		0.3				0.05			

Dimensions Unit: mm

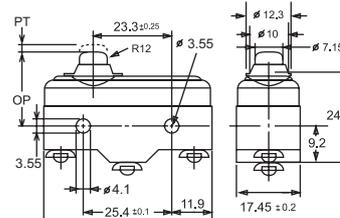
ZY-10G



Operating Characteristics

- OF_{max} 3.43N
- RF_{min} 1.12N
- PT_{max} 0.4mm
- OT_{min} 0.13mm
- MD_{max} 0.05mm
- OP 15.9±0.4mm

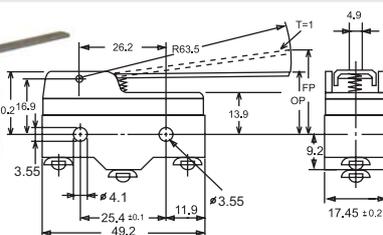
ZY-10GD



Operating Characteristics

- OF_{max} 3.43N
- RF_{min} 1.12N
- PT_{max} 0.4mm
- OT_{min} 1.6mm
- MD_{max} 0.05mm
- OP 21.5±0.5mm

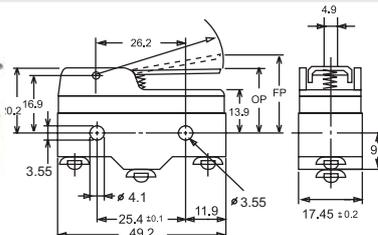
ZY-10GW



Operating Characteristics

- OF_{max} 0.69N
- RF_{min} 0.14N
- PT_{max} 10mm
- OT_{min} 5.6mm
- MD_{max} 2mm
- OP 19.1±0.7mm
- FP_{max} 28.2mm

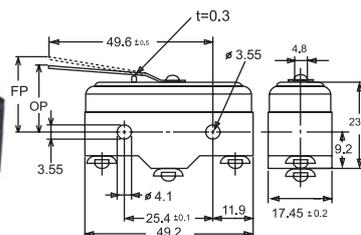
ZY-10GW1



Operating Characteristics

- OF_{max} 1.03N
- RF_{min} 0.21N
- PT_{max} 6.6mm
- OT_{min} 3.7mm
- MD_{max} 0.85mm
- OP 18.4±0.5mm
- FP_{max} 24.5mm

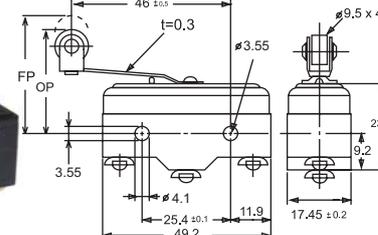
ZY-10GL



Operating Characteristics

- OF_{max} 1.47N
- RF_{min} 0.14N
- PT_{max} 4mm
- OT_{min} 1.6mm
- MD_{max} 1.3mm
- OP 17.4±0.8mm
- FP 20.6mm

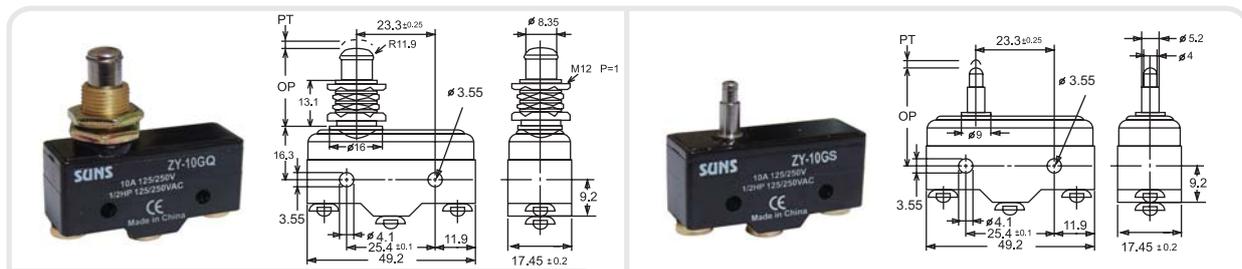
ZY-10GL2



Operating Characteristics

- OF_{max} 1.47N
- RF_{min} 0.14N
- OT_{min} 1.6mm
- PT_{max} 4mm
- MD_{max} 1.3mm
- OP 28.6±0.8mm
- FP 31.8mm

GENERAL-PURPOSE MICRO SWITCHES ZY-10 SERIES



ZY-10GQ

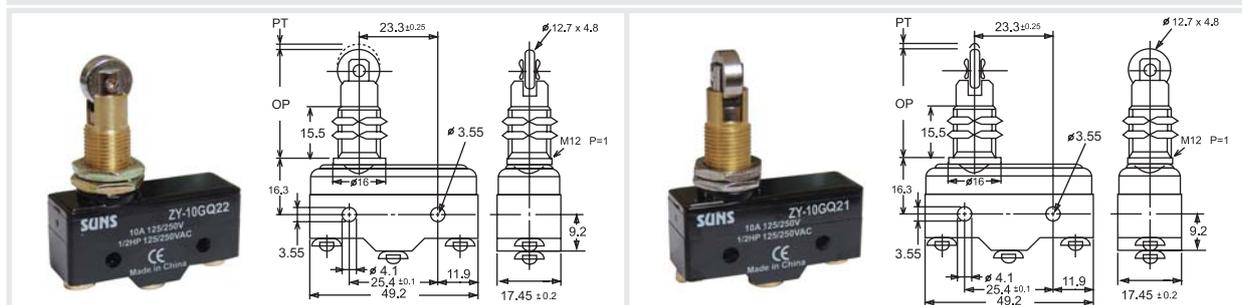
Operating Characteristics

- OF_{max} 3.43N
- RF_{min} 1.12N
- PT_{max} 0.4mm
- OT_{min} 5.5mm
- MD_{max} 0.05mm
- OP 21.8±0.8mm

ZY-10GS

Operating Characteristics

- OF_{max} 3.43N
- RF_{min} 1.12N
- PT_{max} 0.4mm
- OT_{min} 1.6mm
- MD_{max} 0.05mm
- OP 28.2±0.6mm



ZY-10GQ22

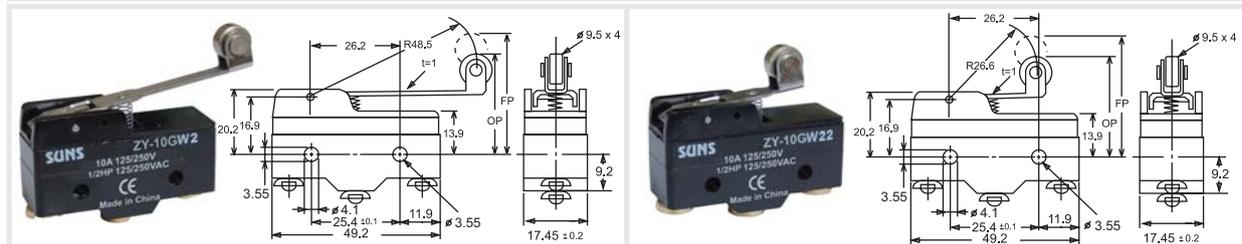
Operating Characteristics

- OF_{max} 3.43N
- RF_{min} 1.12N
- PT_{max} 0.4mm
- OT_{min} 3.58mm
- MD_{max} 0.05mm
- OP 33.4±1.2mm

ZY-10GQ21

Operating Characteristics

- OF_{max} 3.43N
- RF_{min} 1.12N
- PT_{max} 0.4mm
- OT_{min} 3.58mm
- MD_{max} 0.05mm
- OP 33.4±1.2mm



ZY-10GW2

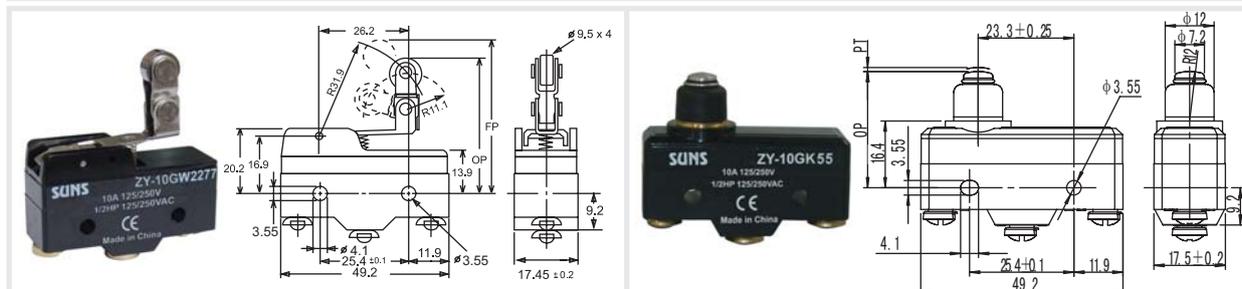
Operating Characteristics

- OF_{max} 0.98N
- RF_{min} 0.21N
- PT_{max} 7.1mm
- OT_{min} 4mm
- MD_{max} 1.02mm
- FP_{max} 36.5mm
- OP 30.2±0.8mm

ZY-10GW22

Operating Characteristics

- OF_{max} 1.57N
- RF_{min} 0.41N
- PT_{max} 2.7mm
- OT_{min} 2.4
- MD_{max} 0.8mm
- FP_{max} 32.5mm
- OP 30.2±0.4mm



ZY-10GW2277

Operating Characteristics

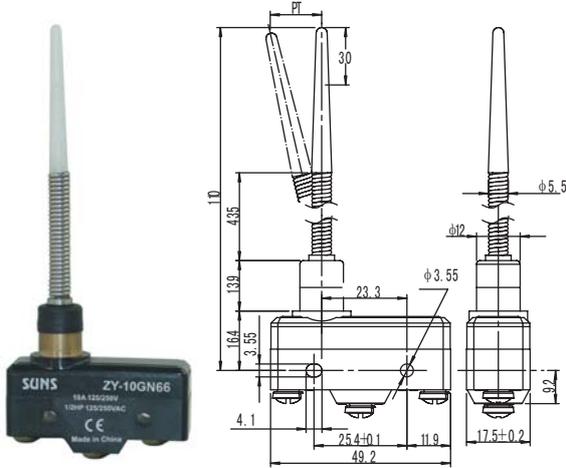
- OF_{max} 1.67N
- RF_{min} 0.41N
- PT_{max} 3mm
- OT_{min} 2.4mm
- MD_{max} 0.8mm
- FP_{max} 43.5mm
- OP 41.3±0.8mm

ZY-10GK55

Operating Characteristics

- OF_{max} 5.3N
- RF_{min} 1.11N
- OT_{min} 1.6mm
- PT_{max} 2.3mm
- MD_{max} 0.06mm
- OP 28.2±0.5mm

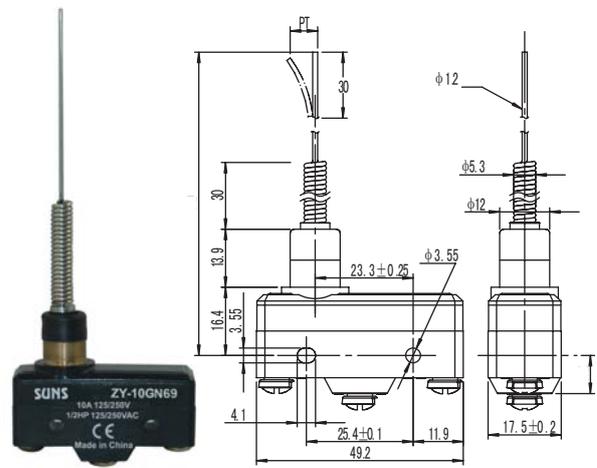
GENERAL-PURPOSE MICRO SWITCHES ZY-10 SERIES



ZY-10GN66

Operating Characteristics

- OF_{max} 0.7N
- PT_{max} 25mm



ZY-10GN69

Operating Characteristics

- OF_{max} 0.7N
- PT_{max} 25mm



ZC-1

Protective sleeve



ZC-2

Protective sleeve