

18×15.5×20



- Max.switching current 20A
- 10A continuous rating 85℃
- Different contact form available
- Open or sealed cover available
- Conform to RoHS,ELV directive

CONTACT DATA

Contact Form	1H/1Z/SH/SZ
Contact Material	Silver Alloy
Load	Resistive load(COS Φ=1)
Contact Ratings	1H,1Z: 10A 14VDC SH,SZ: 15A 14VDC
Minimum load	75VDC
Max Switching Voltage	20A
Max Switching Current	280W
Max Switching Power	100m Ω Max at 6VDC 1A
Electrical	100, 000 Operations(at300Operations/minute)
Mechanical	10, 000, 000 Operations(at300Operations/minute)

CHARACTERISTICS DATA

Insulation Resistance	100M Ω Min at 500VDC
Between Open Contacts	1000VAC(for one minute)
Between Contacts and Coil	500VAC(for one minute)
Operate Time	5ms
Release Time	3ms
Temperature Range	-40℃to+85℃
Shock Resistance	Operating Extremes: 20G
	Damage Limits: 100G
Vibration Resistance	10-55Hz, 1.5mm
Max. switching frequency	Mechanical:18,000operations/hr Electrical:1,800operations/hr
Humidity	40-85%
Weight	Approx 9.5g

COIL DATA

at 20℃

Coil Power 1.1W

Nominal Voltage (VDC)	Rated Current (mA)	Max Operate Voltage (VDC)	Min Release Voltage (VDC)	Coil Resistance (Ω ±10%)
6	183.3	3.9	0.3	28
9	122.2	5.9	0.45	70
12	91.7	7.8	0.6	130
18	61.1	11.8	0.9	290
24	45.8	15.6	1.2	520

OPDERING CODE

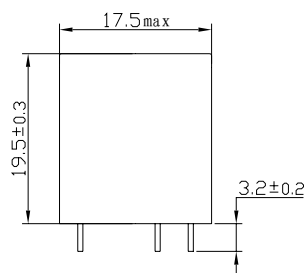
FLAW — S — Z / 12VDC
 1 2 3 4

1. Relay Model
2. S: Sealed
K: OPEN TYPE
3. Contact Form
Z: Form 1C
H: Form 1A
SH: Form 1U
SZ: Form 1W
4. Coil Nominal Voltage
6,9,12,18,24VDC

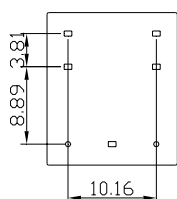
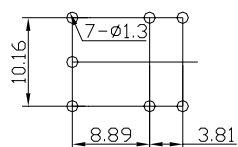
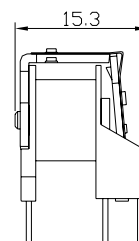
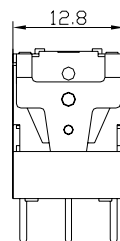
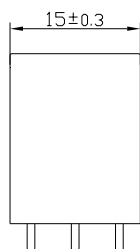


OUTLINE DIMENSIONS, WIRING DIAGRAM AND LAYOUT

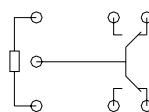
FLAW Sealed



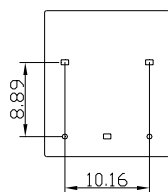
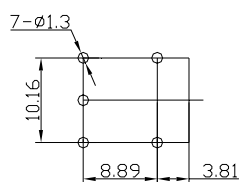
FLAW Open



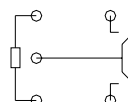
wiring Diagrams(Bottom View)



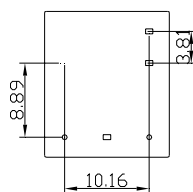
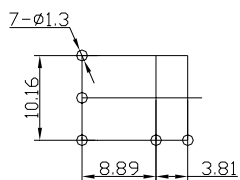
SZ



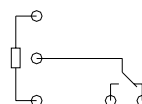
wiring Diagrams(Bottom View)



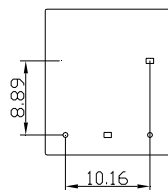
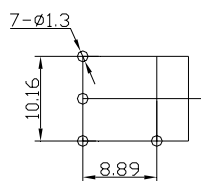
SH



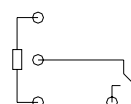
wiring Diagrams(Bottom View)



1Z



wiring Diagrams(Bottom View)



1H

