T810S-A004C

TRAW

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

18×15.5×20

■ORDERING CODE

TRAW — S — Z / 12VDC
1 2 3 4

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

■COIL DATA

at 20℃）

Nominal Voltage (VDC)	6	9	12	18	24	1.1W
Coil Resistance (Ω±10%)	28	70	130	290	520	
Rated Current (mA)	183.3	122.2	91.7	61.1	45.8	
Max Operate Voltage (VDC)	3.9	5.9	7.8	11.8	15.6	
Min Release Voltage (VDC)	0.3	0.45	0.6	0.9	1.2	
Max ApplicableVoltage	70℃	130%，23℃		170%		

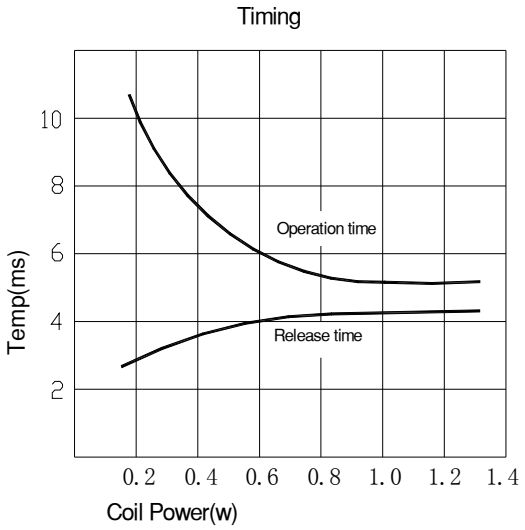
■CONTACT DATA

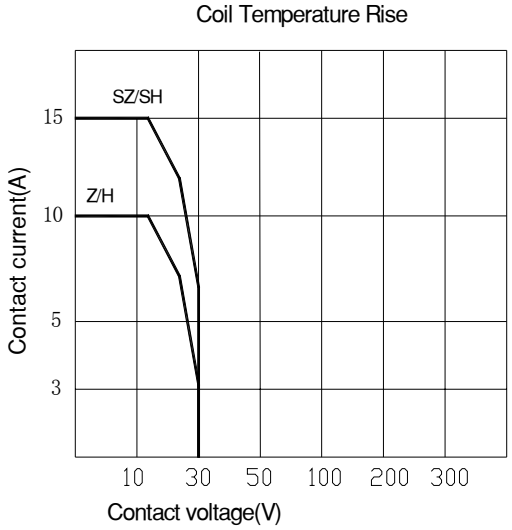
Contact Form	1H/1Z/SH/SZ
Contact Material	Silver Alloy
Load	Resistive load(COSΦ=1)
Contact Ratings	1H,1Z: 10A 14VDC SH,SZ: 15A 14VDC
Max Switching Voltage	75VDC
Max Switching Current	20A
Max Switching Power	280W
Contact Resistance	100mΩMax at 6VDC 1A
Life Expectancy	Electrical : 100, 000 Operations(at30Operations/minute)
	Mechanical : 10, 000, 000 Operations(at300Operations/minute)

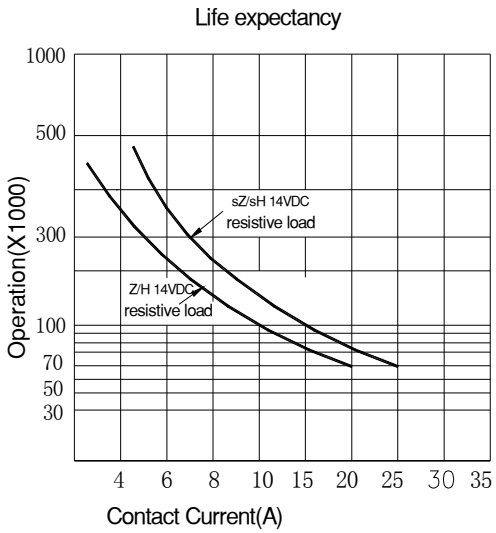
■CHARACTERISTICS DATA

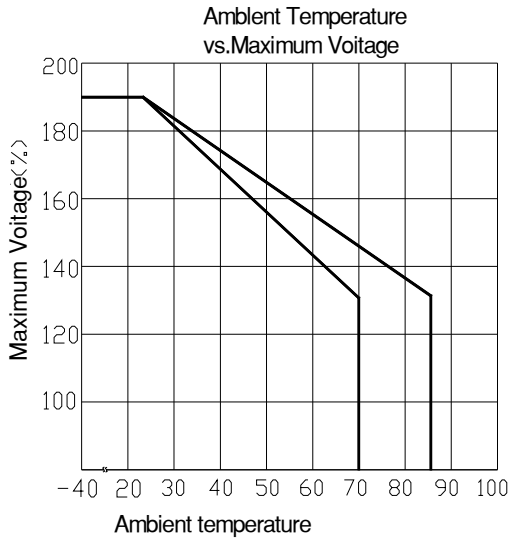
Insulation Resistance	100MΩMin at 500VDC
Dielectric Strength Between Open Contacts	1000VAC(for one minute)
Between Contacts and coil	500VAC(for one minute)
Operate Time	5ms
Release Time	3ms
Temperature Range	-40℃to+85℃
Shock Resistance	Operating Extremes : 20G
	Damage Limits : 100G
Vibration Resistance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

■ENGINEERING DATA



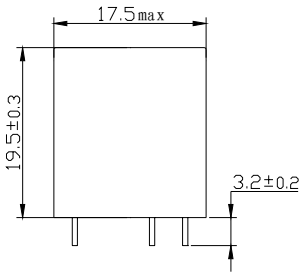


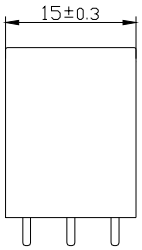




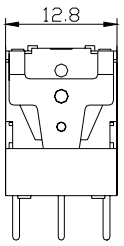
■OVERALL AND MOUNTING DIMENSIONS

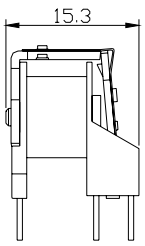
TRAW Sealed

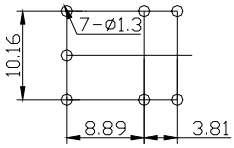


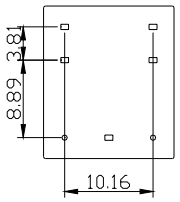


TRAW Open

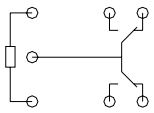




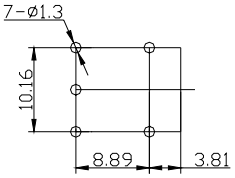


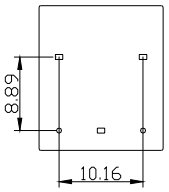


wiring Diagrams(Bottom View)

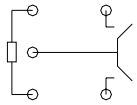


SZ

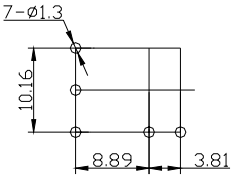


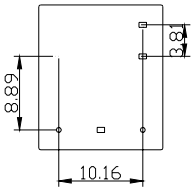


wiring Diagrams(Bottom View)

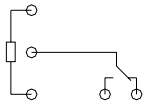


SH

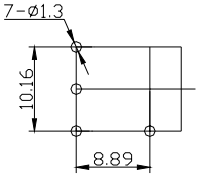


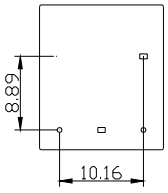


wiring Diagrams(Bottom View)

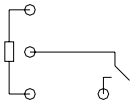


1Z





wiring Diagrams(Bottom View)



1H