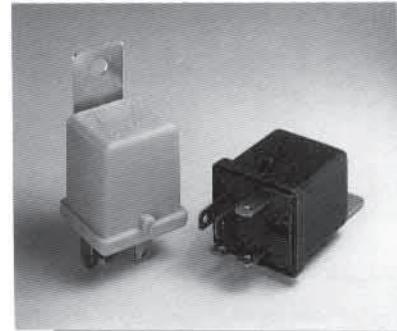
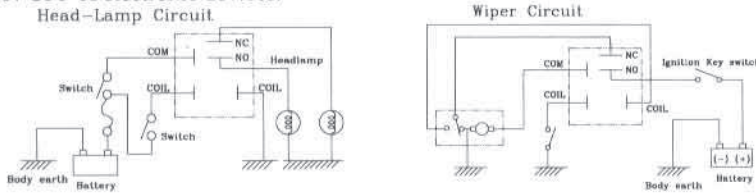


■ MAIN FEATURES

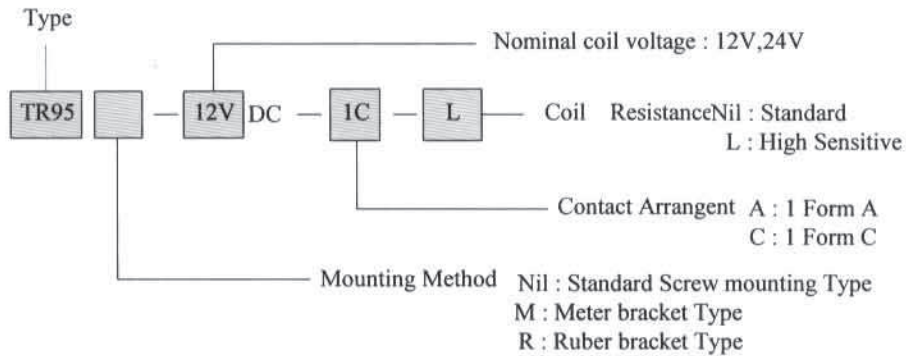
- With JIS Socket, Reliable, Easy to Handle, Worldwide Changeable.
- The Contact Made From Alloy Material, Have Reliable Operation, Good Anti-wear and Long Electrical Life.

■ APPLICATIONS

- Used In Car Conditioning And other Electric Devices.
- Exchange of headlamp-dimmer.
- ON-OFF of air-con. Blow motor working circuit.
- ON-OFF of electronic devices.



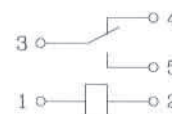
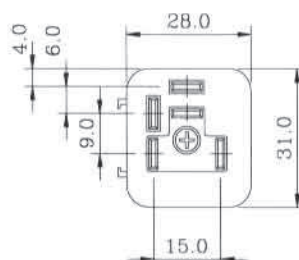
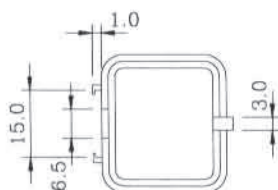
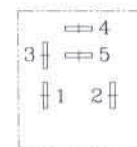
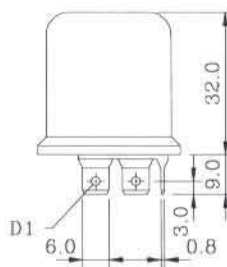
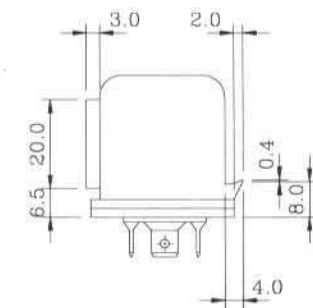
■ ORDERING INFORMATION



■ DIMENSION (unit:mm)

■ DRILLING (unit:mm)

■ WIRING DIAGRAM



■ COIL DATA CHART (AT20°C)

Coil Sensitivity	Coil Voltage Code	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance (Ω) $\pm 10\%$	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Max-Allowable Voltage (VDC)
TR95	12	12	150	70	abt. 2.06	75% Max.	5% Min.	150% but for short time carrying current
	24	24	75	280				
TR95-L	12	12	150	100	abt. 1.44	75% Max.	5% Min.	150% but for short time carrying current
	24	24	75	400				

■ CONTACT RATING

Type Item	12V Coil Voltage			24V Coil Voltage		
	FORM A	N/O FORM C N/C		FORM A	N/O FORM C N/C	
Contact Capacity Resistive Load cosΦ=1	DC12V 20A N/C 25A N/O			DC24V 10A N/C 15A N/O		
Max. Carrying Current	25A	25A	20A	15A	15A	10A
Max. Make Current	50A	50A	40A	30A	30A	20A
Max. Break Current	25A	25A	20A	15A	15A	10A
Nominal Switching Capacity	N/C : 20A 14VDC N/O : 25A 14VDC			N/C : 10A 28VDC N/O : 15A 28VDC		
Max. Allowable Voltage	16VDC			32VDC		
Contact Material	Ag Alloy					

■ PERFORMANCE (at initial value)

Item	Type	TR95
Contact Resistance		100m Ω Max.
Operate Time		15msec Max.
Release Time		15msec Max. (type with doide inside : 20msec max.)
Dielectric Strength		
Between coil & contact		AC 500V 50/60Hz (1 minute)
Between contacts		AC 500V 50/60Hz (1 minute)
Insulation Resistance		1000 M Ω Min. (DC500V)
Max. ON/OFF Switching		
Mechanically		300 operation/min
Electrically		30 operation/min
Operating Ambient Temperature		-40°C to +70°C (No water drop condensation)
Operating Humidity		45 to 85% RH
Coil Temperature Rise		60 deg. Max. (at rated coil voltage)
Vibration		
Endurance		10 to 55HZ Double Amplitude 1.5mm
Error Operation		10 to 55HZ Double Amplitude 1.5mm
Shock		
Endurance		100G Min.
Error Operation		10G Min.
Life Expectancy		
Mechanically		10 $\times$ 10 ⁶
Electrically		10 $\times$ 10 ⁴
Weight		abt. 34grs