

Power Relay

TRY

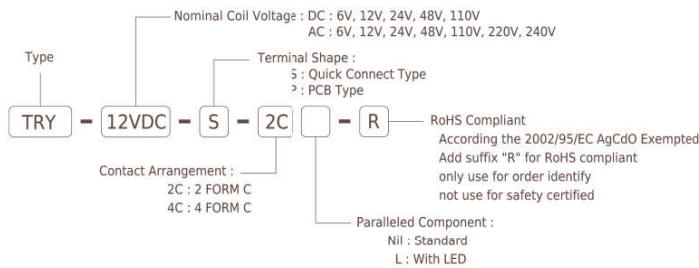
MAIN FEATURES

- Long life and high reliability
- Strong construction for vibration and shock
- Approximately thousands for kinds are available depending on the combination of terminals, covers, contact ratings, coil etc.
- Molded material : All UL 94V-0
- UL & cUL recognized.

APPLICATIONS

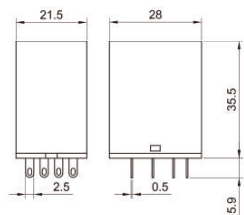
Power station control equipments	Coil operated machines
Transportations	Building control equipments
Refrigerators	Medical equipments
Coil operated machines	Amusement devices, etc.

ORDERING INFORMATION

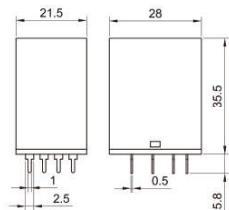


DIMENSION(unit:mm)

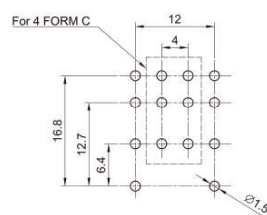
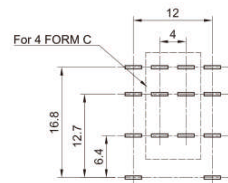
Quick Connect Type



PCB Type



DRILLING(unit:mm)



COIL DATA CHART(at 20°C)

Nominal Voltage	Pick-Up voltage	Drop-out voltage	Nominal current	Coil resistance	Power consumption	Max. allowable voltage
AC Type (at 20°C)						
VAC	80% of rated voltage	30% of rated voltage	mA(+15%,-20%)	Ω(±10%)	(VA)	(VAC)
6	4.8	1.8	200	11.5	Approx. 1.2A	110% of nominal voltage
12	9.6	3.6	100	46		
24	19.2	7.2	50	184		
48	38.4	14.4	25	735		
110	88	33	11	3750		
120	96	36	10	4550±15%		
220/240	176/192	66/72	5	14400±15%		
DC Type (at 20°C)						
VDC	80% of rated voltage	10% of rated voltage	mA(±10%)	Ω(±10%)	(W)	(VDC)
6	4.8	0.6	150	40	Approx. 0.9W	110% of nominal voltage
12	9.6	1.2	75	160		
24	19.2	2.4	36.9	650		
48	38.4	4.8	18.5	2600		
110	88	11	10	11000		

CONTACT RATING

Item	TRY -2C (DPDT)	TRY -4C (4PDT)
Contact Capacity	10A 220VAC	5A 220VAC
Resistive load (cosφ=1)	10A 28VDC	5A 28VDC
Max. switching voltage	220VAC, 28VDC	
Max. switching current	10A	5A
Max. switching power	2200VA/280W	1100VA/140W
Min. permissible load	5VDC 100mA	
Contact material	AgCdO	

PERFORMANCE(at initial value)

Item	TRY
Contact Resistance	Max. 100mΩ
Operation time (at nominal voltage)	Max. 25msec
Release time (at nominal voltage)	Max. 25msec
Operating frequency	20ops/minute
Insulation resistance	Min. 100MΩ (at 500VDC)
Vibration resistance	Functional : 6G 10 to 55 Hz, at double amplitude of 1mm Destructive : 12G 10 to 55 Hz, at double amplitude of 2mm
Shock resistance	Functional : Min, 20G Destructive : Min, 100G
Dielectric strength	1500VAC, for 1minute between coil and contact. 750VAC, for 1minute between contact sets. 750VAC, for 1minute between open contacts.
Ambient temperature	-40°C to +70°C
Humidity	40 to 85% RH
Life expectancy	Mechanical : 1 x 10 ⁷ operations Electrical : 2 x 10 ⁵ operations (at rated load)
Weight	abt 37g.
UL & cUL	E156521

1. Tolerance ±0.5mm on all dimensions unless otherwise stated.
2. Tolerance ±0.1mm on PCB DRILLING dimension unless otherwise stated.