

In-Line Axial · 1 Form A · Dry Reed Relay
(High Insulation Resistance 10^{15} ohm)

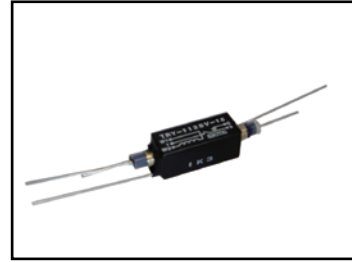
TRY-100SV-15

■ Parts Number · Feature

● TRY-100SV-15

Insulation Resistance 10^{15} ohm
Coil Voltage : 24=24V , 12=12V , 05=5V

● High Insulation Resistance 10^{15} [ohm]



■ Performance

Specifications	Item	Standard
Contact Specifications	Contact Form	1 Form A
	Contact Rating	50W
	Max Switching Voltage	DC.350V
	Max Switching Current	1.0A
	Max Carry Current	2.5A ※1
	Contact Resistance	100mΩ MAX.(Initial)
Electrical Specifications	Breakdown Voltage	Between Contact DC.3,000V (1min)
		Contact to shield , Contact to coil and Shield to coil DC.2,500V (1min)
	Insulation Resistance	Open contacts $1 \times 10^{15} \Omega$ MIN.(DC.100V)
		Contacts to Shield , Contacts to coil $1 \times 10^{14} \Omega$ MIN.(DC.100V)
		Shield to coil $1 \times 10^{12} \Omega$ MIN.(DC.100V)
	Capacitance	Across Open Contacts 0.1 pF MAX. (Connect G terminal to earth)
	Thermal Electromotive Force	-
Operate Time	(Include bounce) 1.0mS MAX.(at Nominal Voltage)	
Release Time	0.5mS MAX.(at Nominal Voltage)	
Mechanical Specifications	Vibration	20G(10~2kHz,1.5mm)
	Shock	30G(11mS,1/2 sine wave)
Environment	Operating Temperature	-10°C~+60°C
Life Expectancy	Mechanical	1×10^8 Operations MIN.
	Electrical	-

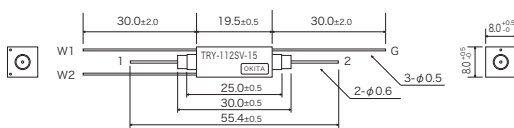
※1 : When applying more than 2,500[V] voltage between contacts, carry current must not exceed 10[mA].
And do not make and break.

■ Coil Specifications

Parts Number	Nominal Voltage DC±10%[V]	Coil Resistance ±10%[Ω]at20°C	Must Operate Voltage MAX.[V]at20°C	Must Release Voltage MIN.[V]at20°C
TRY-124SV-15	24	3,000	16.8	2.0
TRY-112SV-15	12	450	8.4	1.2
TRY-105SV-15	5	200	3.8	0.5

TRY-100SV-15 Series

■ Dimensions · Terminal Identification (Unit : mm)



1 - 2...CONTACT(N.O)
W1-W2...COIL(R.Ω)
G...Guard

Weight approximately 5gr.