

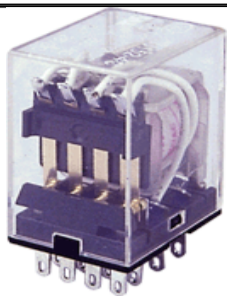


WANJIA

Relays for advanced technology

GENERAL-PURPOSE RELAY

WJ152-RELAYS



- Small size and light weight.
- Low coil power consumption.
- High contact load.
- Strong anti-shock high reliability.

SPECIFICATIONS

Contact

Arrangement	2C,3C,4C
Contact Material	Silver alloy
Contact Resistance (By voltage 6V 1A)	Max.50mΩ
Rating	
Nominal switching capacity	5A 250VAC
Resistive load	5A 28DC
Switching Voltage	250VAC 28VDC
Max. Switching current	5A
Max. Switching power	1250VA/140W
Expected life (min. ope)	
Mechanical (at 120 cpm)	1×10 ⁷
Electrical (at 20 cpm)	1×10 ⁵

Characteristics

Operate Time	Max.25sec	
Release Time	Max.25sec	
Initial breakdown voltage		
Between open contacts	1500VAC (50/60Hz) 1min	
Between coil & contact	1000VAC (50/60Hz) 1min	
Insulation Resistance	min. 100MΩ (500 VDC)	
Ambient temperature	-55°C ~ +70°C	
Operating humidity	45 to 85% RH	
Shock Resistance	Functional	Min. 10G
	Destruction	Min. 100G
Vibration Resistance	Functional	10 to 55 Hz at double Amplitude of 1.5mm
	Destruction	10 to 55 Hz at double Amplitude of 1.5mm
unit weight	Approx.40g	

Coil DATE

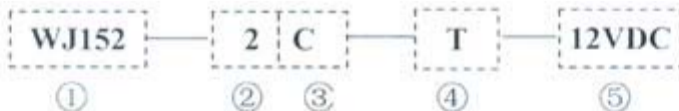
Coil Consumption	see COIL SPECIFICATION below
Coil Voltage	3 - 11VDC or 12 - 240VAC
Coil Resistance	see COIL SPECIFICATION below

UL Rating

Resistive load (cosφ=1)	5A 250VAC
Inductive load (cosφ=0.75 - 0.8)	5A 28VDC 2A250VAC

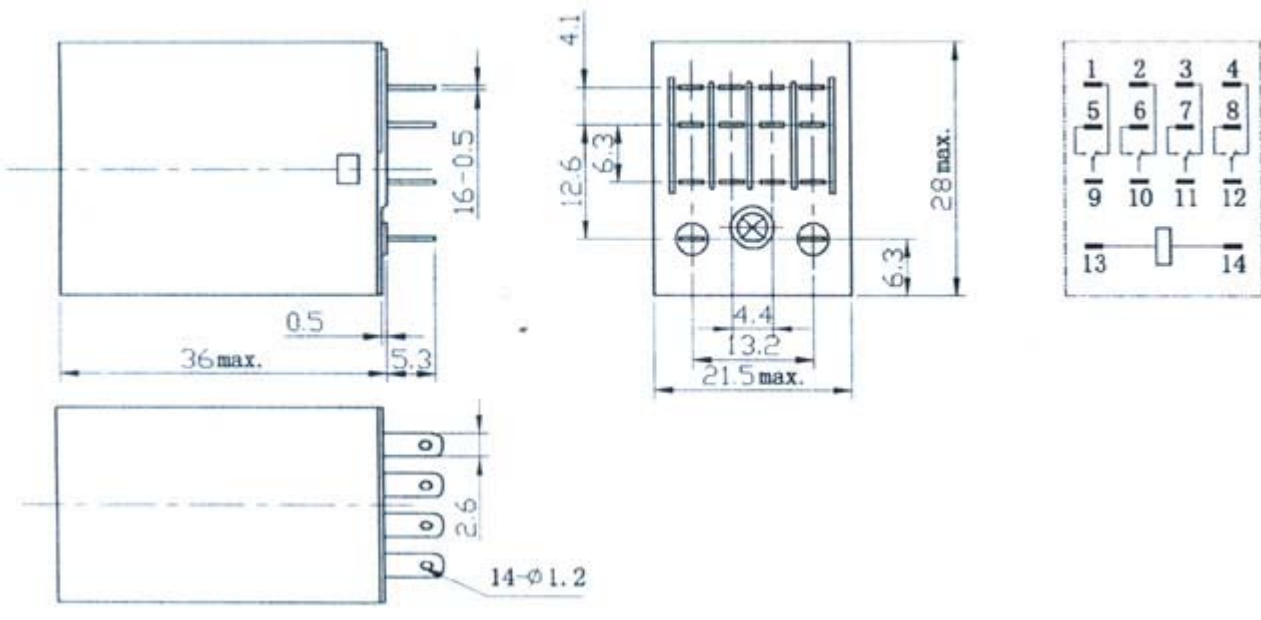
COIL SPECIFICATION (at 20°C)

Type	Nominal Voltage (VDC) (VAC)	Coil Resistance (Ω)± 10%	Nominal operating power	Pick-up Voltage (VDC)	Drop-out Voltage (VDC)	Max.Allowable Voltage (VDC)
AC	6	12.2±10%	abt. 1.0 to 1.3 VA (60Hz)	80% Max.	30% Min.	110%
	12	46±10%				
	24	180±10%				
	48	735±10%				
	100/110	3750±15%				
	110/120	4550±15%				
	200/220	12800±15%				
220/240	14400±15%					
DC	6	40±10%	abt.0.9W	75%Max.	10%Min.	110%
	12	160±10%				
	24	640±10%				
	48	2600±10%				
	100/110	11000±10%				

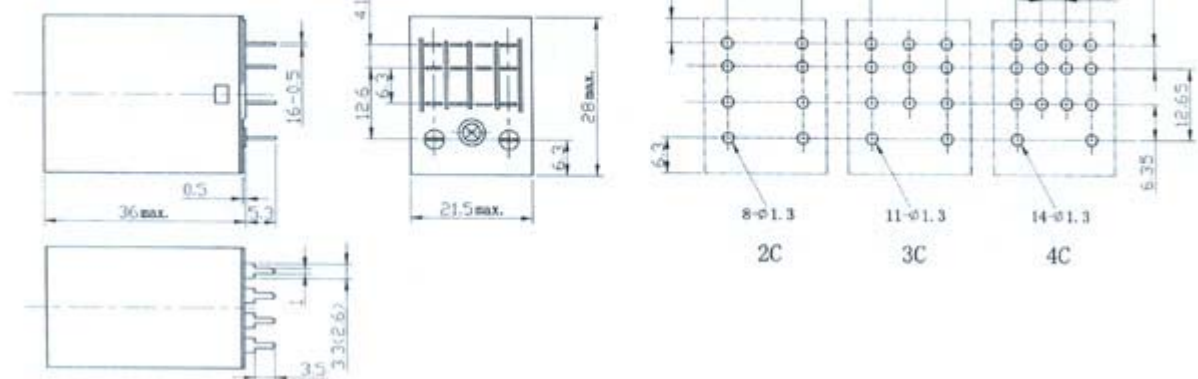


Type	Number of pole	Contact form	Terminal	Coil voltage
WJ152	2 : 2pole	A: Form A	P: PC Board	Coil: 6-110VDC 6-240VAC
	3 : 3pole	B: Form B	T: Plug-in	
	4 : 4pole	C: Form C	F: Flange case& plug-in	

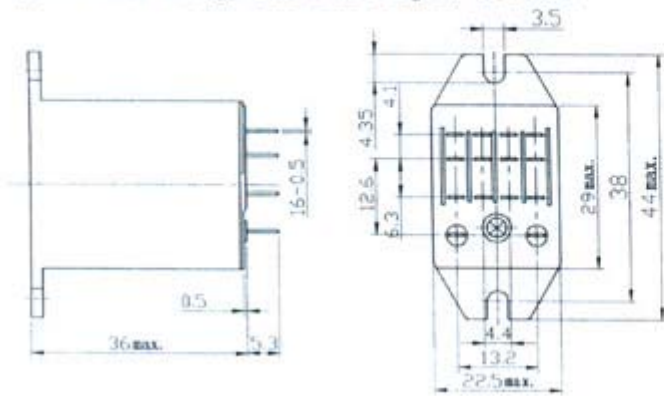
WJ152-4Pole plug-in terminal



WJ152-2Pole P.C. Board terminal
 WJ152-3Pole P.C. Board terminal
 WJ152-4Pole P.C. Board terminal

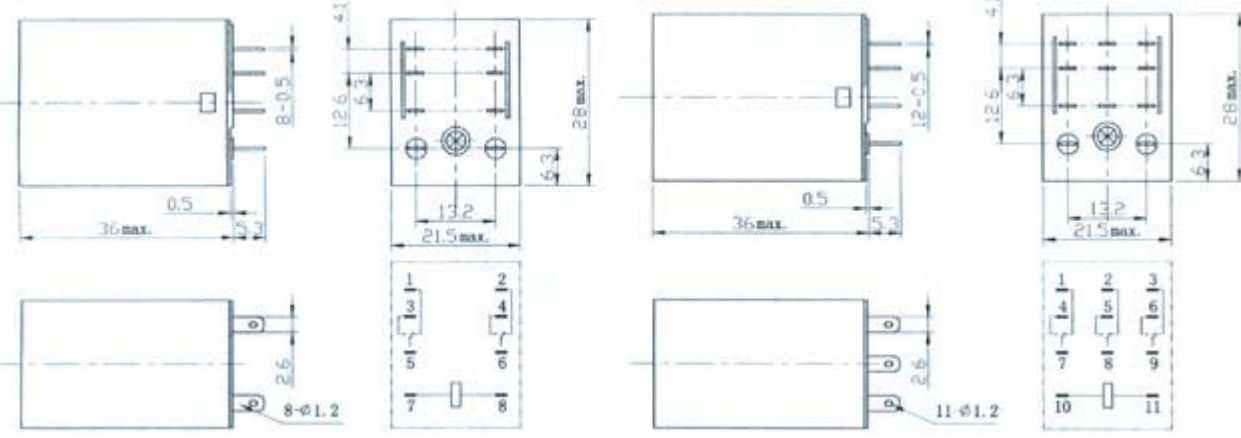


WJ152-2Pole Flange case and Plug-in terminal
 WJ152-3Pole Flange case and Plug-in terminal
 WJ152-4Pole Flange case and Plug-in terminal



WJ152-2Pole plug-in terminal

WJ152-3Pole plug-in terminal

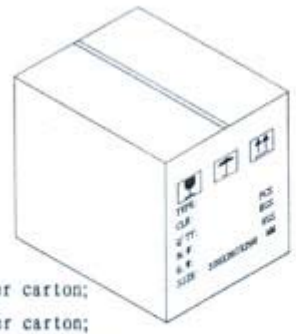


pattern of printing



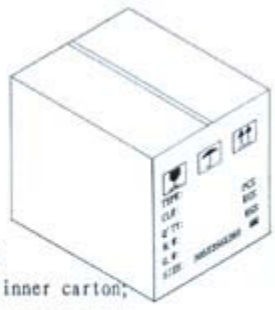
Packing

WJ152-XX-F



MEAS: 320x267x298mm
 30pcs per plastic tray;
 5pcs plastic trays per inner carton;
 2pcs inner cartons per outer carton;
 300pcs Relays for total per outer carton;
 weight: Approx 13.5Kg;

WJ152-XX-T
WJ152-XX-P



MEAS: 305x256x265mm
 40pcs per plastic tray;
 5pcs plastic trays per inner carton;
 2pcs inner cartons per outer carton;
 400pcs Relays for total per outer carton;
 weight: Approx 13.6Kg;