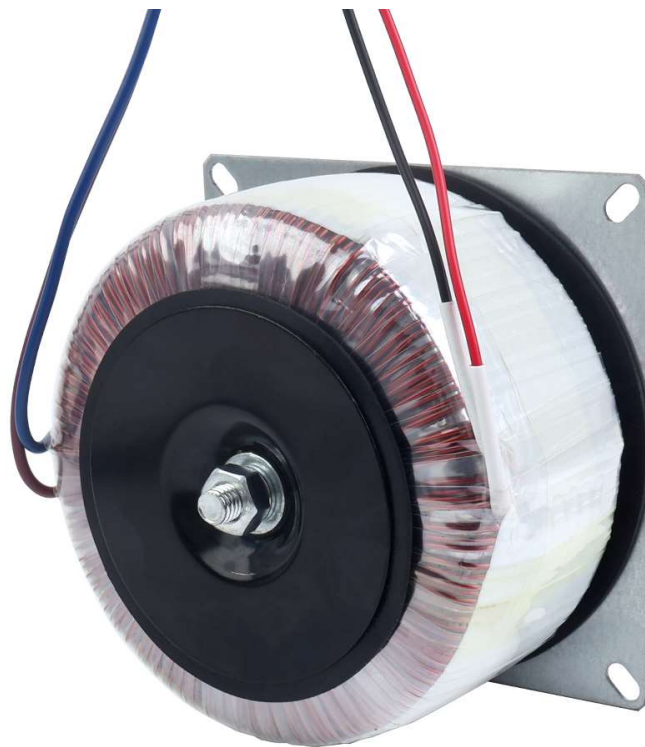


# STEPPERONLINE®

TR900-A220-A120

Specification of toroidal transformer



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## 1. ENFORCE STANDARD

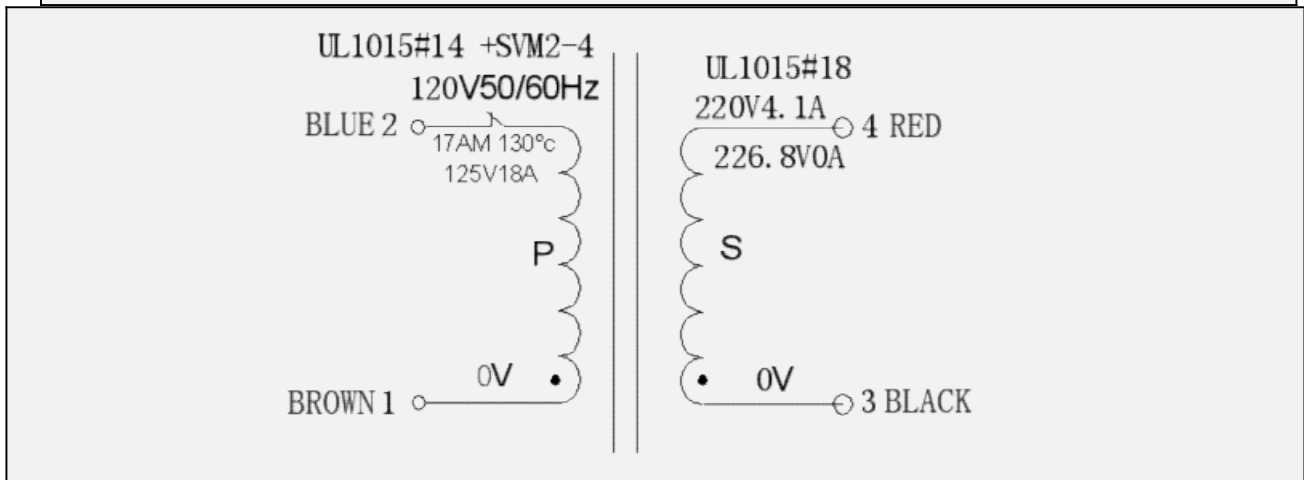
SAFETY STANDARD: [UL1585](#)  
 INSULATION CLASS: [CLASS B \(130°C\)](#)

## 2. ELECTRICAL PERFORMANCE

Primary rated voltage: 120V 50~60Hz  
 Exciting current: 180mA  
 Secondary rated voltage and current:

	UNLOAD VOLTAGE (V±5%)	LOADING VOLTAGE (V±5%)	RATED CURRENT (A)
<b>3-4</b>	<b>0V-226.8V</b>	<b>0V-220V</b>	<b>4.1A</b>

## 3. CIRCUITDIAGRAM



## 4. WORKING AND SAFETY PROTECTION

- Electrostatic Shield       Magnetic Shield  
 Temperature Protection       Over Current Protection

## 5. INSULATION

Insulation resistance test (type test) : Pri.~sec. 500V DC 100 MΩ MIN.  
 HI-POT TEST (100% test) :Pass our dielectric strength test, without any breakdown  
 Pri.~sec. AC2.875kV for 60 seconds, Pri.~Pri. (leakage current 5mA MAX)

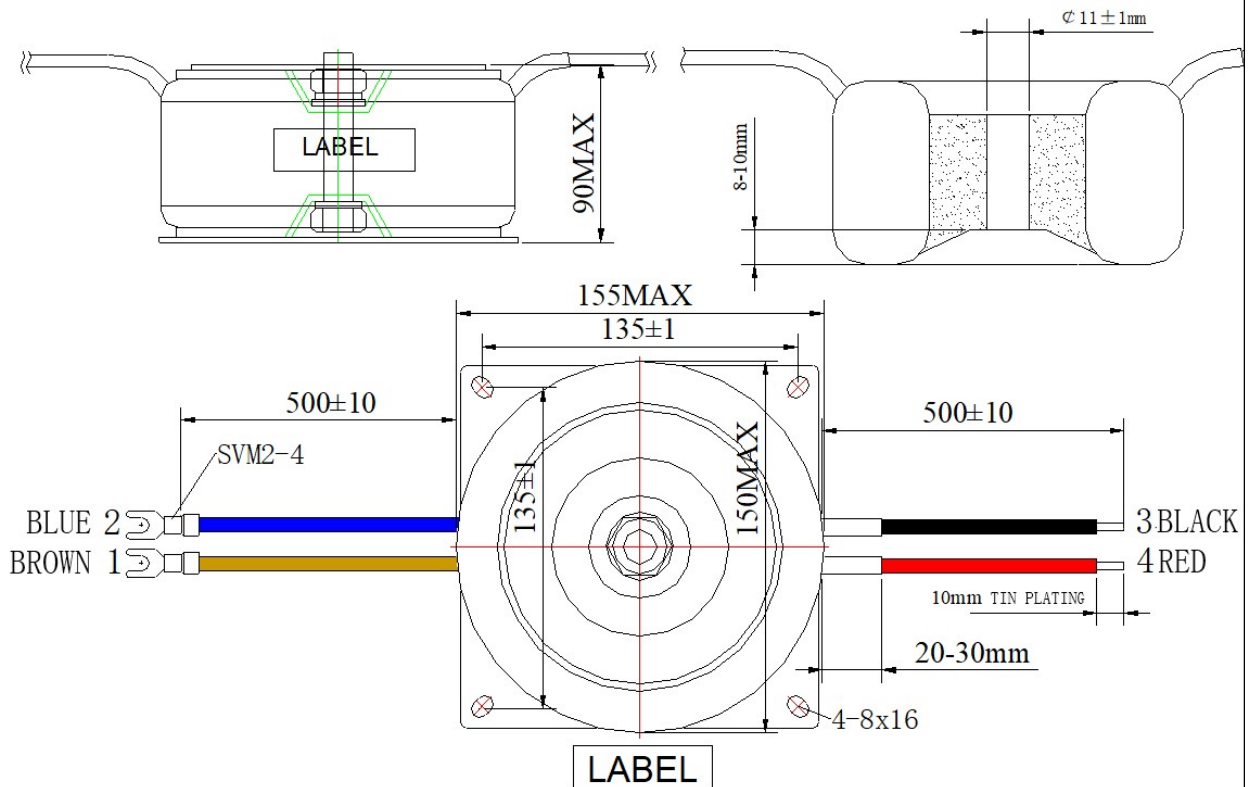
## 6. TEMPERATURE RISE

Ta=25°C Test by resistance method At rated load 4H .PRI.& SEC. WINDINGS' TEMPERATURE RISE 75°C MAX.,

## 7. MAJOR MEASUREMENT FACILITIES:

HI-POT TESTER: CJ2670	INSULATION-RESISTANCE METER: ZC-7
VOL TMETER : T19-V	DC-RESISTANCE METER: QJ44
AMPEREMETER: T19/1-A	

LEADS	PRIMARY	SECONDARY	
LEAD NO.	1-2	3-4	
COLOR	BRN-BLU	BLK-RED	
SPECS	UL1015AWG#14	UL1015AWG#18	
LENGTH (±10mm)	500	500	
TERMINAL	SVM2-4	10mm TIN PLATING	



### ACCESSORIES

1	METAL WASHER	$\Phi 10.5-90\text{mm}$ 1PCS
2	RUBBER WASHER	$\Phi 10.5-100\text{mm}$ 1PCS
		$\Phi 10.5-150\text{mm}$ 1PCS
4	SCREW	M10x80mm 1PCS
5	HEX NUT	M10 1PCS
6	WASHER	M10 2PCS
7	LOCK WASHER	M10 1PCS
8	SQUARE BASE	$\Phi 10.5-150 \times 150\text{mm}$ 1PCS