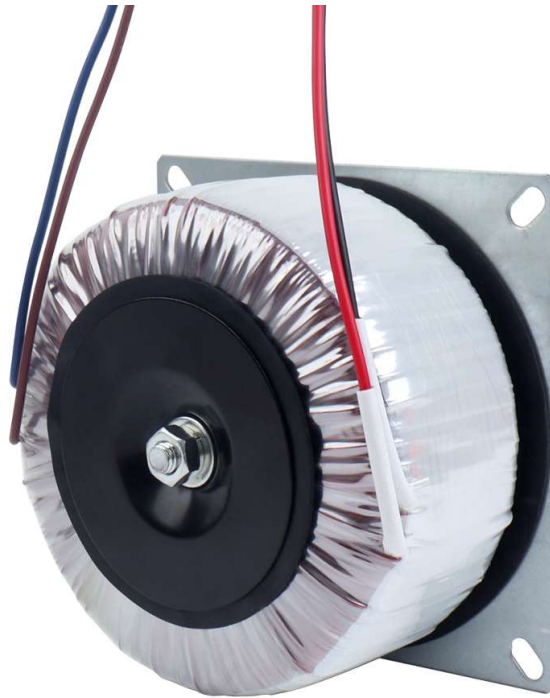


STEPPERONLINE®

TR500-A220-A120

Specification of toroidal transformer



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1. ENFORCE STANDARD

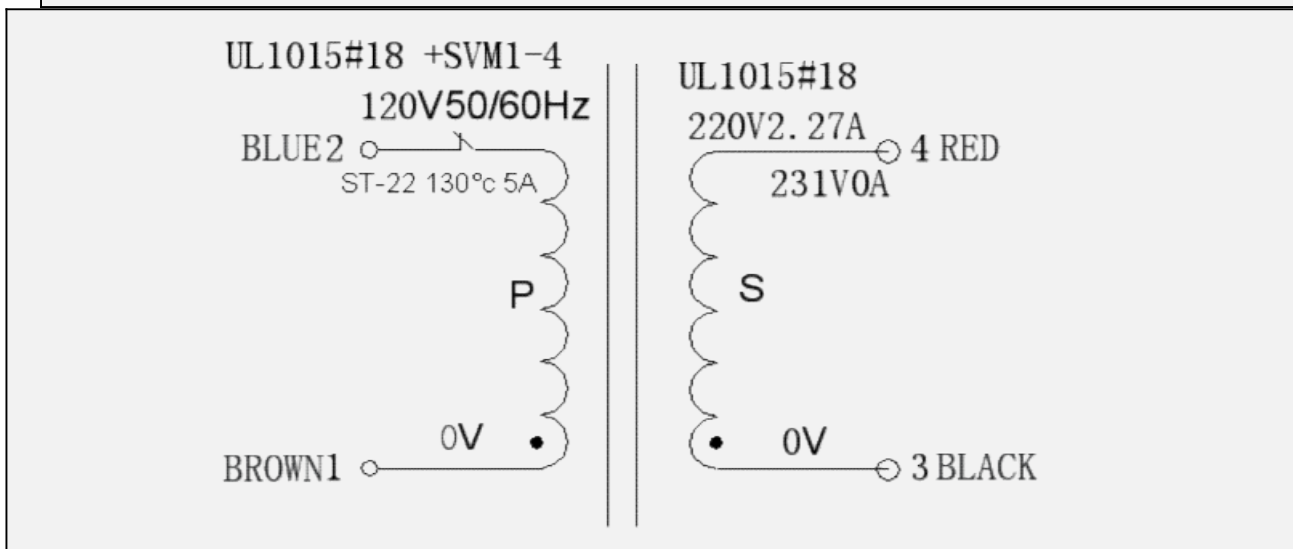
SAFETY STANDARD: [UL1585](#)
 INSULATION CLASS: [CLASS B \(130°C\)](#)

2. ELECTRICAL PERFORMANCE

Primary rated voltage: 120V 50~60Hz
 Exciting current: 150mA
 Secondary rated voltage and current:

	UNLOAD VOLTAGE (V±5%)	LOADING VOLTAGE (V±5%)	RATED CURRENT (A)
3-4	0V-231V	0V-220V	2.27A

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)

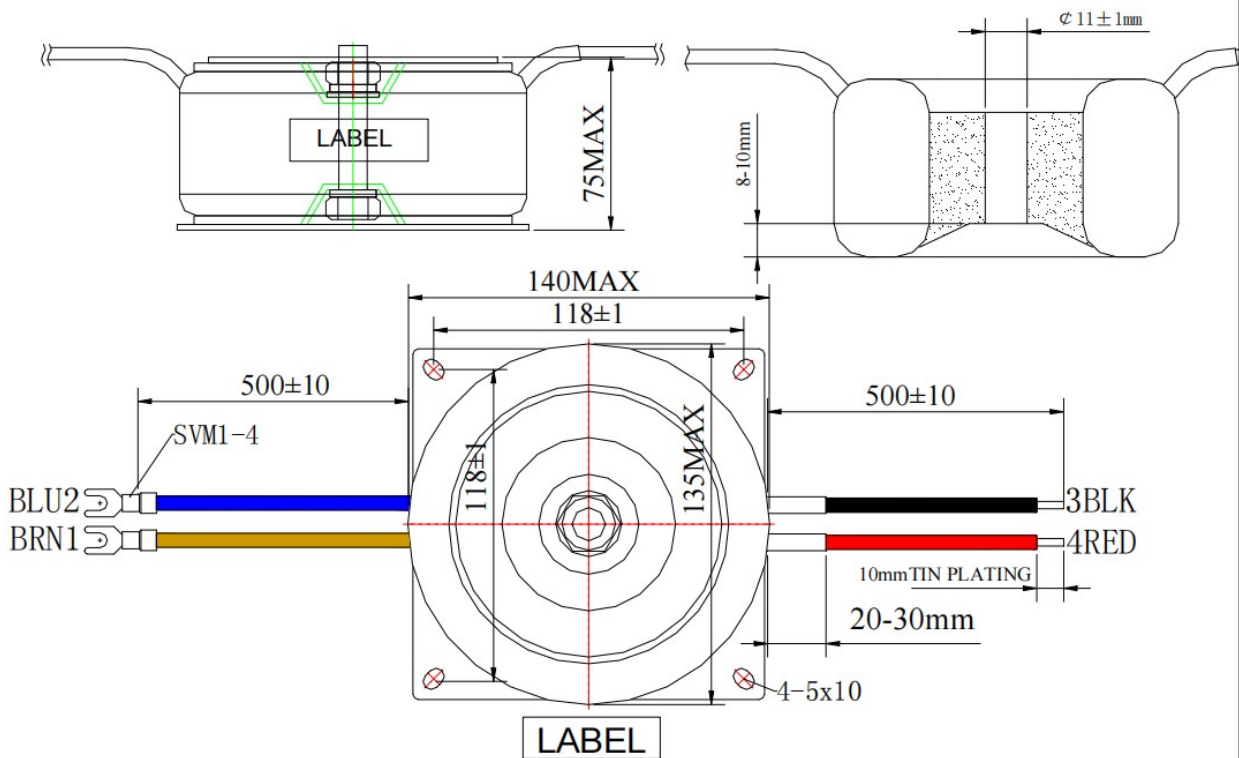
6. TEMPERATURE RISE

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#18	UL1015AWG#18	
LENGTH (±10mm)	500	500	
TERMINAL	SVM1-4	10mm TIN PLATING	



ACCESSORIES

1	METAL WASHER	Φ8.5-80mm 1PCS
2	RUBBER WASHER	Φ8.5-90mm 1PCS
		Φ8.5-130mm 1PCS
4	SCREW	M8x70mm 1PCS
5	HEX NUT	M8 1PCS
6	WASHER	M8 2PCS
7	LOCK WASHER	M8 1PCS
8	SQUARE BASE	Φ10.5-130x130mm 1PCS