



KTAT-250-480-277 IA

STEP DOWN AUTO-TRANSFORMER



DESCRIPTION

Keystone's 480V to 277V Step-Down Auto-Transformers are designed to step down 480V to 277V single-phase power. These transformers enable consumers to utilize common universal voltage (120-277V) electronic ballasts in applications where the main facility power is 480V.

INPUT VOLTAGE: 480VAC $\pm 10\%$

INPUT FREQUENCY: 60 Hz

MAXIMUM POWER: 250 (VA) for 480V Applications

WARRANTY: 5 Years



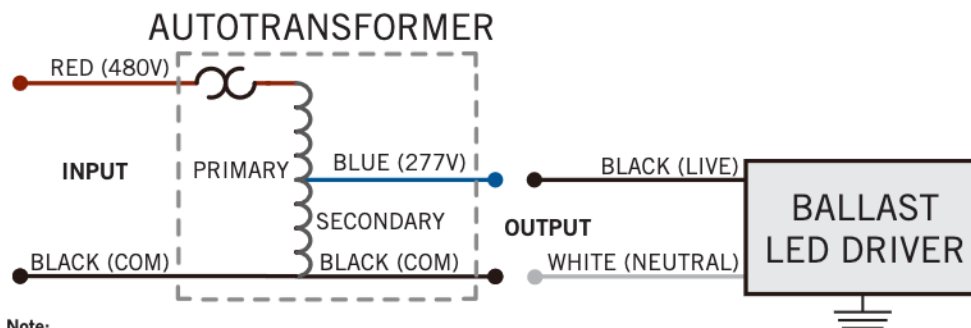
PRODUCT FEATURES

- Non-Isolated Autotransformer
- 5 Year Limited Warranty
- For Use with LED, T5, T8, CFL, or Electronic HID Ballast Operating at 277V Input Voltage
- Insulation Rating: 105°C Class A
- UL and cUL 5085 Approved
- Thermally Protected
- No Load Power Consumption < 7W
- 100°C/212°F Maximum Case Temperature
- 50°C/122°F Maximum Ambient Temperature

ELECTRICAL SPECIFICATIONS

INPUT CHARACTERISTICS			OUTPUT CHARACTERISTICS			FEATURES
Input Voltage	Input Current at Max Load	Input Current at No Load	Output Voltage	Maximum Load	Maximum Output Current	Efficiency
480V	0.57A	0.16A	277V	250VA	0.90A	93%
347V	0.57A	0.11A	200V	180VA	0.90A	93%

WIRING DIAGRAM

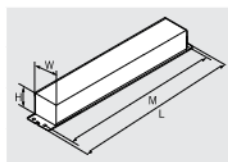


Note:

- Wiring for 3-Phase Wye (or Star) power supply, connect any two phase wires to Autotransformer input.
- Wiring for 3-Phase Delta power supply with proper grounding, connect 480V and ground reference legs to Autotransformer input.

MECHANICAL SPECIFICATIONS

CASE DIMENSIONS



LENGTH	9.45"
WIDTH	1.70"
HEIGHT	1.20"
MOUNTING	8.86"

STANDARD LEAD LENGTHS*

BLACK (x2)	14"
BLUE	14"
RED	14"

*Consult Keystone for special lead length requirements.



KTAT-250-480-277 /A

STEP DOWN AUTO-TRANSFORMER

ORDERING INFORMATION

ORDER CODE	EASY CODE	UPC
KTAT-250-480-277 /A-CP	ZGK-12	89094901380

CATALOG NUMBER BREAKDOWN

KTAT-30-480-277 /A-CP

1

2

3

4

5

6

- 1 Keystone Technologies Auto-Transformer
- 2 Max. Power (VA)
- 3 Input Voltage
- 4 Output Voltage
- 5 Wiring Revision
- 6 Packaging Style