



KTAT-250-480-277 /A

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



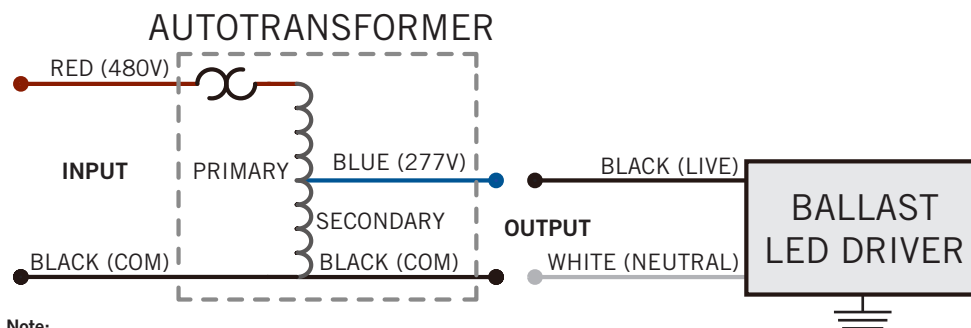
PRODUCT FEATURES

- 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

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.



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ORDERING INFORMATION

| ORDER CODE | PACKAGING STYLE | PACK QTY. | ITEM STATUS |
|------------------------|-----------------|-----------|-------------|
| KTAT-250-480-277 /A-CP | Carton Pack | TBD | Active |

CATALOG NUMBER BREAKDOWN

KTAT-250-480-277 /A-CP

Keystone Technologies Auto-Transformer
Max. Power (VA)
Input Voltage
Output Voltage
Wiring Revision
Packaging Style