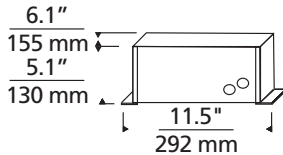


Remote Transformer

SINGLE-FEED, 24 VOLTS 600 WATTS



Shown approximately 10% actual size.



tran_at6024t_spec.pdf

DESCRIPTION

This remote magnetic transformer converts standard 120 volt line voltage to 24 volts, providing the necessary voltage for powering a MonoRail, Kable Lite, TwinRail, Wall MonoRail or FreeJack low-voltage lighting system. This remote magnetic transformer can be used to power lamps totaling up to 600 watts. This transformer is equipped with fast-acting secondary circuit breaker that will safely turn off the system should a short occur. Once the short has been removed the breaker can be reset.

INSTALLATION

This transformer must be installed in a remote but accessible location (such as above the ceiling or in a closet). To simplify installation the transformer should be located no more than 20 feet from the run or power feed. The electrician will need to supply the proper gauge conductor from the transformer to the power feed location based on distance (see voltage drop chart, below).

DIMMING

Dimmable with a 1000 watt low-voltage magnetic dimmer. The dimmer is placed on the line side of the transformer. (Consult dimmer manufacturer for specifics.) Dimming a transformer may create a buzzing sound, which may be objectionable in some applications. A debuzzing dimming coil can be purchased separately to reduce the audible noise.

OPTIONS

Input Wiring: Can be ordered to hard wire to a junction box or to plug in with 16 foot power cord with inline switch, two feet from the plug. Also available with 277 volt input.

REQUIRED USAGE

This transformer provides a single 600 watt output and must be used with a single-feed canopy or other power feed option (sold separately). 24 volt output transformers require the use of 24 volt lamps.

WEIGHT

17.04 lb./7.72 kg. ±

VOLTAGE DROP CHART

Use to determine the correct THHN wire size for a recommended 3 percent drop in voltage at the specified wattage. The length shown is the length of wire from the transformer to the power feed.

24 Volt	5 ft.	6-15 ft.	16-20 ft.	21-40 ft.	41-60 ft.	61-90 ft.
600 Watt	#12 GA	#8 GA	#6 GA	#4 GA	#2 GA	#1 GA

ORDERING INFORMATION

700AT6024

INPUT WIRING

- T HARD WIRE 120V
- T277 HARD WIRE 277V
- P PLUG IN 120V

700AT6024 _____

FIXTURE TYPE: _____

JOB NAME: _____



7400 Linder Avenue T 847.410.4400
Skokie, Illinois 60077 F 847.410.4500

www.techlighting.com

