

Remote Transformer-4x300W EL 12v



DESCRIPTION

These remote electronic transformers convert standard 120 volt line-voltage to 12 volts, providing the necessary voltage for powering a Two-Circuit MonoRail low-voltage lighting system. Each transformer includes fast-acting short circuit and overload protection that will safely turn the system off should a short occur. Once the short has been removed the breakers can be reset. Transformers power lamps totaling up to 1200 watts. Mounted on a plate with junction boxes.

INSTALLATION

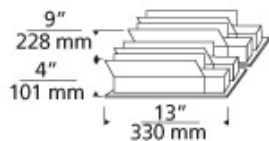
This transformer must be installed in a remote but accessible location (such as above the ceiling or in a closet). To simplify installation the transformer should be located no more than 20' from the run or power feed. The electrician will need to supply the proper gauge conductor from the transformer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

DIMMING

Transformers are equipped with two 120 volt input lines, and are dimmable with four 600 watt low-voltage electronic dimmers. Each dimmer can control up to 300 watts. Dimmers are placed on the line side of the transformer (consult dimmer manufacturer for specifics).

OTHER INFORMATION

12 volt output transformers require the use of 12 volt lamps. Use with a dual-feed Two-Circuit canopy or other power feed option (sold separately).



LOW-VOLTAGE WIRE SIZE TABLE						
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.						
12 Volt	5 ft.	6-15 ft.	16-20 ft.	21-40 ft.	41-60 ft.	61-90 ft.
300 Watt	#10 GA	#6 GA	#4 GA	#1 GA	1/0	3/0

WEIGHT

5.04lb / 2.29kg

ORDERING INFORMATION

700AT4X300EL



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www.techlighting.com

700AT4X300EL

FIXTURE TYPE: _____

JOB NAME: _____

NOTES: _____

