

**Remote Transformer-4x300W Mag 12v**



**DESCRIPTION**

These remote magnetic transformers convert standard 120 or 277 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 secondary circuit breakers that will safely turn the system off should a short occur. Once the short has been removed the breakers can be reset. Transformers can power lamps totaling up to 1200 watts.

**INSTALLATION**

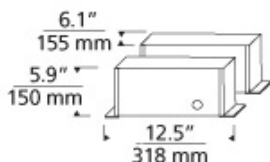
This transformer must be installed in a remote but accessible location (such as above the ceiling or in a closet). To simplify installation the transformer should be located no more than 20' from the run or power feed. The electrician will need to supply the proper gauge conductor from the transformer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

**DIMMING**

Transformers are equipped with four 120 or 277 volt input lines, and are dimmable with four 600 watt low-voltage magnetic dimmers. Each dimmer can control up to 300 watts. Dimmers are 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. Debuzzing dimming coils can be purchased to reduce the audible noise (sold separately).

**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**

24.2lb / 10.98kg

**ORDERING INFORMATION**

**700AT4X300T VOLTAGE**

120V IN/12V OUT  
 277 277V IN/12V OUT



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700AT4X300T \_\_\_\_\_

FIXTURE TYPE: \_\_\_\_\_

JOB NAME: \_\_\_\_\_

NOTES: \_\_\_\_\_

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