



TRAC 12/25, FLEX 12

Low Voltage Systems

25-AMP, 12V AC REMOTE MOUNT MAGNETIC TRANSFORMERS

TF5300 and TF5600

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

PRODUCT SPECIFICATIONS

Remote Mount Magnetic Transformers Catalog Number TF5300BL, TF5600BL

Description

TF5300BL: 12V-300VA Remote Magnetic Transformer • Rated for 150-300 watts for incandescent or LED loads • 120VAC input.

TF5300BL-277: Same as above with 277VAC input.

TF5600BL: 12V-600VA Remote Magnetic Transformer • Contains two 300VA circuits, each rated for 150-300 watts for incandescent or LED loads • 120VAC input.

TF5600BL-277: Same as above with 277VAC input.

Construction Potted core and coil • 13 volt boost tap • Thermally protected primary • Manually resettable, fast-acting magnetic circuit breaker on secondary • Primary and secondary circuits physically and electrically isolated.

Circuit Breaker Resettable magnetic circuit breaker • Provides faster short circuit protection than standard thermal circuit breakers • Provides overload protection which is unaffected by ambient operating conditions • Eliminates false overload failures due to elevated ambient temperatures which can occur with thermal circuit breakers • Enables transformer to be mounted in any position.

Dimming 120V installations only – consult factory for 277V dimming applications • Incandescent loads can be dimmed with high quality dimmers designed specifically for use with magnetic transformer • LED loads may be dimmed using only dimmers that have been tested and qualified by Juno for use with Juno LED fixtures including: Lutron Diva DVLV-600P, Lutron Nova NLV-600, Lutron Ceano CNLV-600P, Lutron Skylark SLV-600P – consult factory to confirm compatibility of other dimmers prior to installation with Juno LED fixtures.

Installation Easy access front located wiring compartment • Terminal block wiring connections for simpler, faster installation • Operate in accessible locations with ambient temperatures below 140° F.

Labels UL/CUL listed • New York City Approved • Compatible only with systems rated for 25-Amp operation.

Product specifications subject to change without notice.

PRODUCT CODES

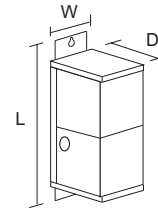
Catalog Number	Finish	Input Voltage	Description
TF5300BL	Black	120VAC	300W Magnetic 12V Transformer
TF5300BL-277	Black	277VAC	300W Magnetic 12V Transformer
TF5600BL	Black	120VAC	600W Magnetic 12V Transformer (Dual Circuit)
TF5600BL-277	Black	277VAC	600W Magnetic 12V Transformer (Dual Circuit)

APPLICATION

Consideration

	12V Magnetic Transformer	12V Electronic Transformer
• Trac run length	• Use for medium to long and medium to higher wattage systems	• Use for short to medium run lengths and low to medium wattage systems
• Dimming	• Use only dimmers specifically designed for use with magnetic transformers	• Compatible with most standard incandescent dimmers. For optimal results use dimmer designed for low voltage electronics
• Transformer Location	• Install in well ventilated locations where ambient temperature will not exceed 140°F (60°C) Transformers must be accessible.	• Install surface mount units in well-ventilated location where ambient temperature will not exceed 120°F (50°C)

DIMENSIONS



TRANSFORMER DIMENSIONS			
Catalog Number	Length (L)	Width (W)	Depth (D)
TF5300BL	10 ³ / ₄ "	4 ³ / ₈ "	4 ¹ / ₈ "
TF5300BL-277	10 ³ / ₄ "	4 ³ / ₈ "	4 ¹ / ₈ "
TF5600BL	11 ³ / ₈ "	5 ³ / ₈ "	5 ¹ / ₈ "
TF5600BL-277	11 ³ / ₈ "	5 ³ / ₈ "	5 ¹ / ₈ "

OPTIONS

(Add as suffix to catalog number)

Catalog Number	Description
-CP6	6ft. Cord & Plug (120VAC Only), factory installed

Ordering Example: TF5300BL-CP6