

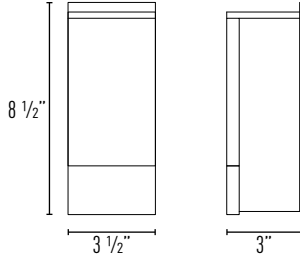
Class 2 Magnetic Transformers

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	



Magnetic Transformers

- 3 Year Warranty
- Fully dimmable, with low-voltage magnetic dimmer
- 1/8" Steel, powder coated NEMA 3R case
- Standard with mandatory secondary protection
- Meets class 2 output limits
- Meets or exceeds all UL, cUL, ANSI/UL, and CSA requirements
- Listed to the UL standards 2108 and 1838
- Mandatory secondary protection, as stated in the National Electric Code Article 411
- May be used with individual "listed" components to meet "system" requirements, as long as parts listed to same ANSI/UL standard



Catalog #	Magnetic Transformer	Description
ITMS-20	Class 2 Magnetic Transformer 120V/12V	20W / 120V Input - 12VAC-2A Max. Output / 1 x 2A Breaker
ITMS-20-27	Class 2 Magnetic Transformer 277V/12V	20W / 277V Input - 12VAC-2A Max. Output / 1 x 2A Breaker
ITMS-40	Class 2 Magnetic Transformer 120V/12V	40W / 120V Input - 12VAC-3.3A Max. Output / 1 x 4A Breaker
ITMS-40-27	Class 2 Magnetic Transformer 277V/12V	40W / 277V Input - 12VAC-3.3A Max. Output / 1 x 4A Breaker
ITMS-60	Class 2 Magnetic Transformer 120V/12V	60W / 120V Input - 12VAC-5A Max. Output / 1 x 5A Breaker
ITMS-60-27	Class 2 Magnetic Transformer 277V/12V	60W / 277V Input - 12VAC-5A Max. Output / 1 x 5A Breaker
ITMS-96	Class 2 Magnetic Transformer 120V/12V	96W / 120V Input - 12VAC-8A Max. Output / 2 x 4A Breakers
ITMS-96-27	Class 2 Magnetic Transformer 277V/12V	96W / 277V Input - 12VAC-8A Max. Output / 2 x 4A Breakers

Voltage Drop Chart

VOLTAGE DROP FORMULA

$$\frac{\text{Total Watts on Cable} \times \text{Length of Run}}{\text{Cable Size Constant}} = \text{Voltage Drop}$$

12 VOLT SYSTEM Wire Size (Gauge)	Watts Per Circuit (Maximum Wire Length)		
	20W	40W	60W
#14	75'	37'	25'
#12	118'	59'	39'
#10	188'	94'	63'
#8	299'	149'	100'
#6	476'	238'	159'

Cable Size	Cable Size Constant
#14	3500
#12	7500
#10	11920
#8	18960
#6	30150