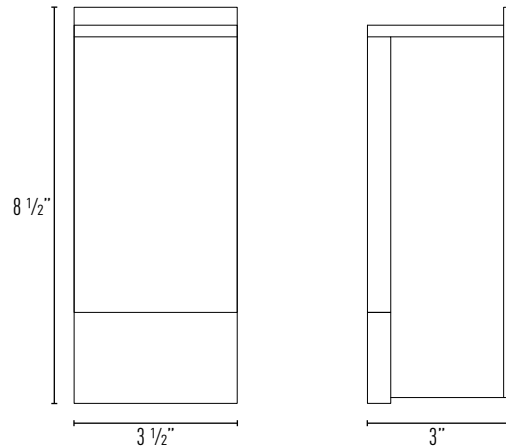


ITMS

12VAC Class 2 Magnetic Dimmable Transformers



JOB NAME		CATALOG NUMBER	
NOTES		TYPE	



Order Matrix | Example: ITMS-60

A	B	C
A Series		C Input Voltage
ITMS 12VAC Magnetic Dimmable Transformer		blank 120V -27 277V
B Wattage		
-20 20W		
-40 40W		
-60 60W		
-96 96W (2 x 48W 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

FEATURES

- 3 Year free replacement 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, CSA requirements

REQUIREMENTS

- Listed to the UL standards 2108 and 1838
- Mandatory secondary protection, as stated in the national electric code article 411 (1993, 1996, 1999, 2002, 2005 and 2008)
- May be used with individual "listed" components to meet "system" requirements, as long as all parts listed to same ANSI/UL standard

ITM-20

- Primary Voltage: 120VAC-1A MAX (120V input) or 277VAC-1A MAX (277V input)
- Output Voltage: 12VAC-2A
- Breakers: 1 x 2A
- Frequency: 60Hz
- Weight: 3 lbs.

ITM-40

- Primary Voltage: 120VAC-1A MAX (120V input) or 277VAC-1A MAX (277V input)
- Output Voltage: 12VAC-3.3A
- Breakers: 1 x 4A
- Frequency: 60Hz
- Weight: 3.5 lbs.

ITM-60

- Primary Voltage: 120VAC-1A MAX (120V input) or 277VAC-1A MAX (277V input)
- Output Voltage: 12VAC-5A
- Breakers: 1 x 5A
- Frequency: 60Hz
- Weight: 5 lbs.

ITM-96

- Primary Voltage: 120VAC-1A MAX (120V input) or 277VAC-1A MAX (277V input)
- Output Voltage: 12VAC-8A
- Breakers: 2 x 4A
- Frequency: 60Hz
- Weight: 5 lbs.

LISTING/WARRANTY

- UL Standards 2108 and 1838
- 3 Year Warranty
- National Energy Code Article 411