



**Current Transformer
Technologies LTD**



Current Transformer

Model 143MR

rev 06232026

CERTIFICATIONS:



APPLICATION:

Relaying and metering.

FREQUENCY:

50-400 Hz.

INSULATION LEVEL:

600 Volts. 10 kV BIL. full wave

WINDOW DIAMETER:

7.31"

APPROXIMATE WEIGHT:

60 lbs.

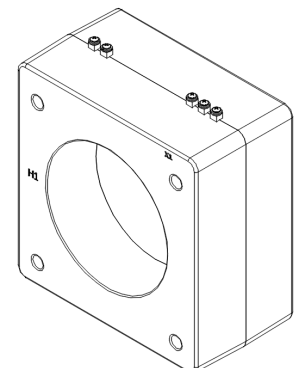
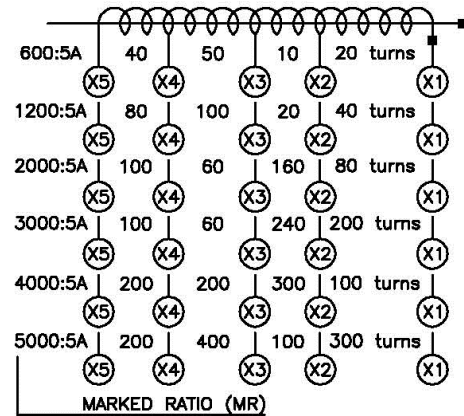
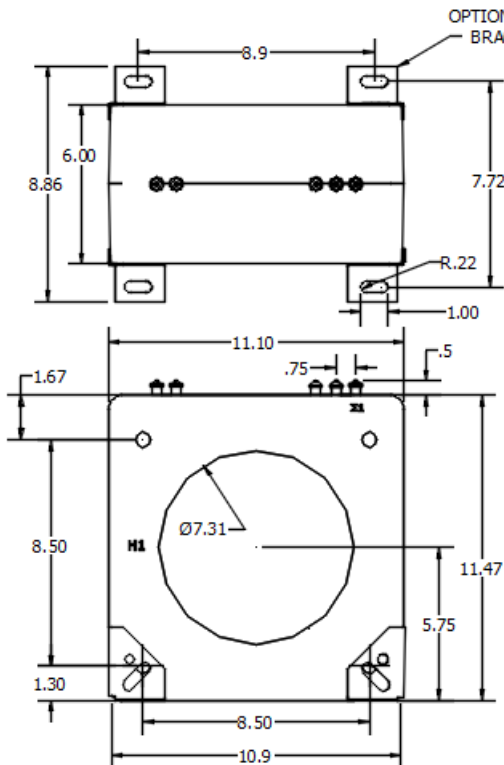
CONNECTIONS:

- Terminals are brass screws No. 10-32 UNF with one flat washer and a split lock washer
- Mounting kit # 143-KIT (optional)

Model	143MR
Window Size	7.31
Width	11.10
Height	11.47
Depth	6.00

MODEL 143MR
Window Diameter 7.31"
Approximate weight: 60 lbs.

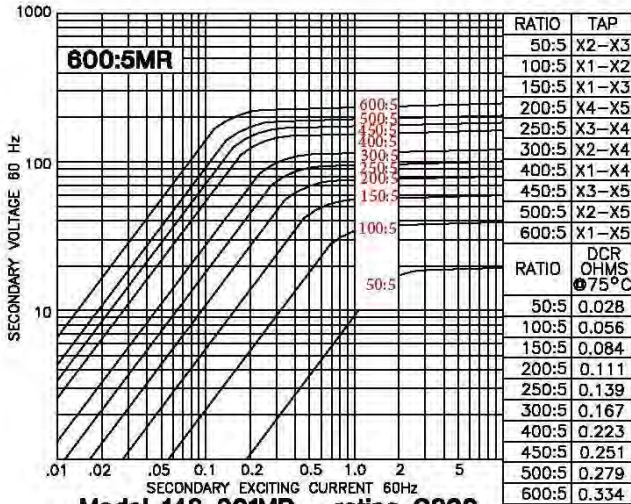
Catalog Number	Relay Class	Continuous Thermal	
		@ 30°C	@ 50°C
143-601MR	C200	2.0	1.5
143-122MR	C400	1.5	1.0
143-202MR	C400	1.33	1.0
143-302MR	C800	1.0	0.8
143-402MR	C800	1.0	0.6
143-502MR	C800	1.0	0.8



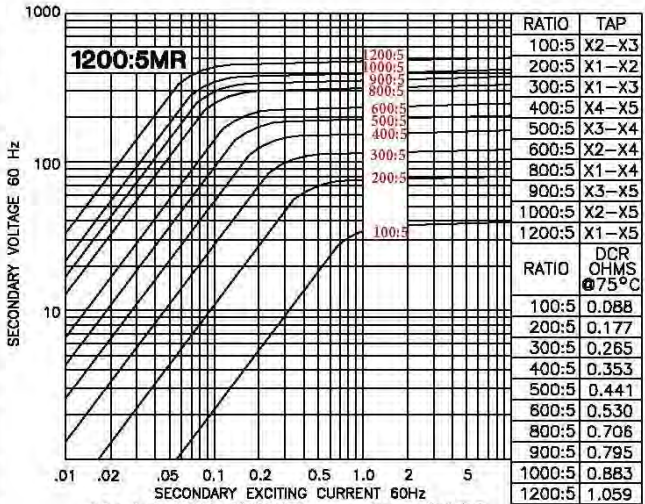
Products are manufactured in a plant whose quality management system has been certified to be in compliance with ISO 9001:2015 by NQA



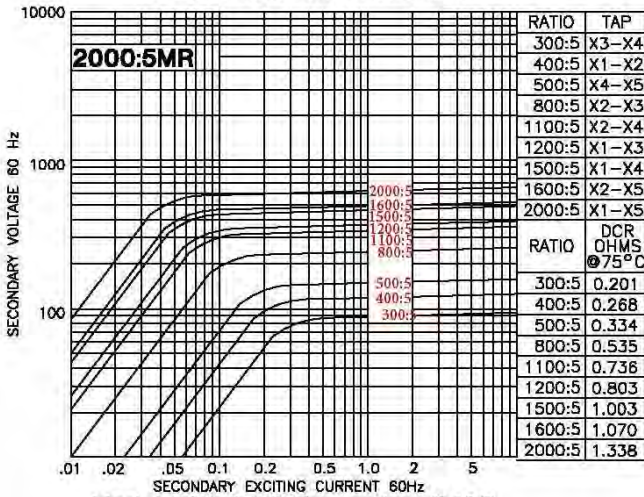
EXCITATION CURVE



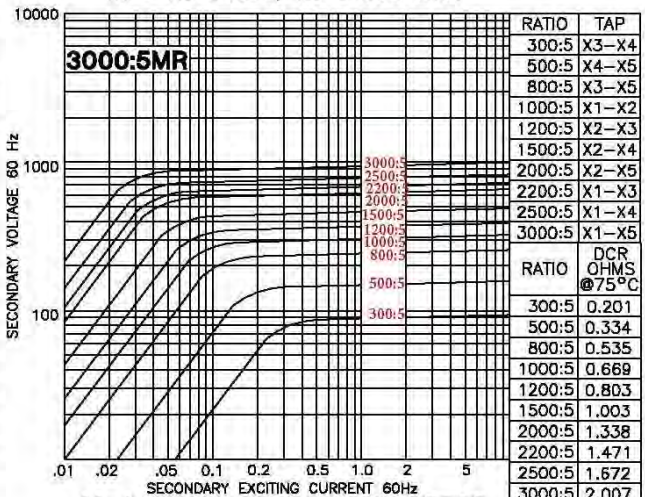
Model 143-601MR - rating C200
TRF= 2.0 @ 30°C, 1.5 @ 55°C amb.



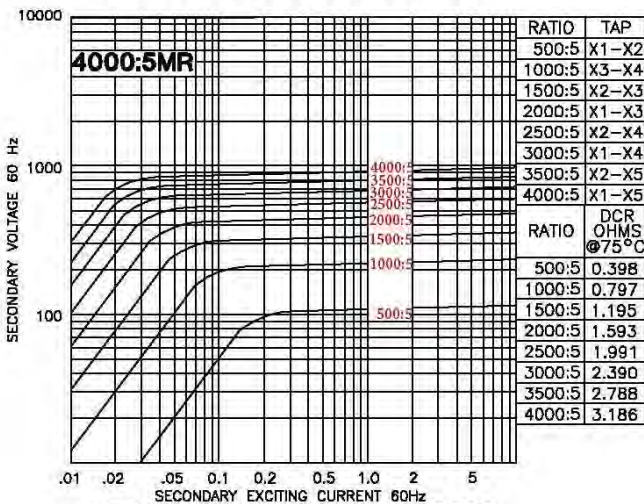
Model 143-122MR - rating C400
TRF= 1.5 @ 30°C, 1.0 @ 55°C amb.



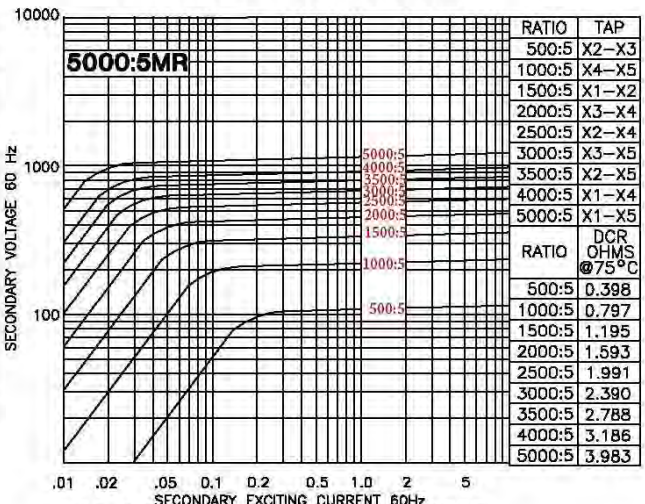
Model 143-202MR - rating C400
TRF= 1.33 @ 30°C, 1.0 @ 55°C amb.



Model 143-302MR - rating C800
TRF= 1.0 @ 30°C, 0.8 @ 55°C amb.



Model 143-402MR - rating C800
TRF= 1.0 @ 30°C, 0.6 @ 55°C amb.



Model 143-502MR - rating C800
TRF= 1.0 @ 30°C, 0.6 @ 55°C amb.