## Current Transformer Model 144MR

Window Diameter 6.00"



Manufactured to meet the requirements of ANSI/IEEE C57.13. Classified by U.L. in accordance with IEC 44-1

## **Multi-Ratio**



APPLICATION: Relaying.

**FREQUENCY:** 50-400 Hz.

**INSULATION LEVEL:** 600 Volts, 10 kV BIL full wave.

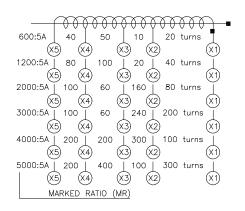
Terminals are brass screws No. 10-32 with one flatwasher and lockwasher.

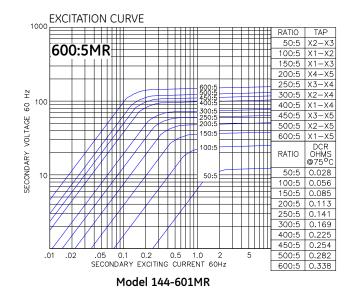
The transformer winding is arranged so that the turns are fully distributed between all taps.

Order mounting bracket kit 0221B00259 separately.

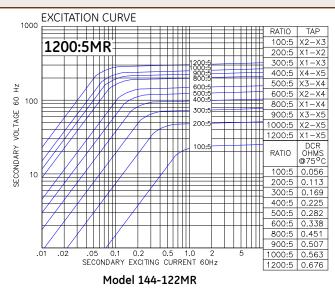
Approximate weight 40 lbs.

CATALOG NUMBER	RELAY CLASS	CONTINUOUS THERMAL RATING FACTOR	
		@ 30 <sup>°</sup> C	@ 55 <sup>°</sup> C
144-601MR	C100	2.0	1.5
144-122MR	C200	2.0	1.5
144-202MR	C200	1.5	1.0
144-302MR	C400	1.0	0.8
144-402MR	C400	1.0	0.8
144-502MR	C400	1.0	0.6





## Model 144MR



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0.5 1.0

800

500

300:

2

5

RATIO TAP

300:5 X3-X4

500:5 X4-X5

800:5 X3-X5

1000:5 X1-X2

1200:5 X2-X3

1500:5 X2-X4

2000:5 X2-X5

300:5 0.150

500:5 0.250

800:5 0.401

1000:5 0.501

1200:5 0.601

1500:5 0.751 2000:5 1.002 2200:5 1.102

2500:5 1.252

3000:5 1.503

DCR OHMS @75°C

2000.5 x1-x3

2500:5 X1-X4 3000:5 X1-X5

RATIO

EXCITATION CURVE

.05 0.1 0.2

SECONDARY EXCITING CURRENT 60Hz

Model 144-302MR

3000:5MR

1000

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60 100

SECONDARY VOLTAGE

10

.01 .02

