# Current Transformer

**Model 135MR**
rev 12162025

**APPLICATION:**
Relaying and metering
**FREQUENCY:**
50-400 Hz.
**INSULATION LEVEL:**
600 Volts. 10 kV BIL. full wave
**WINDOW DIAMETER:**
5.75”
**APPROXIMATE WEIGHT:**
18 lbs.
**CONNECTIONS:**
-Terminals are brass studs No. 10-32 UNF with one flat washer, lockwasher, and regular nut
-Mounting bracket kit # 110-KIT (optional)



| Model | 135MR |
|---|---|
| Window Size | 5.75 |
| Width | 9.21 |
| Height | 9.21 |
| Depth | 3.00 |

**CERTIFICATIONS:**

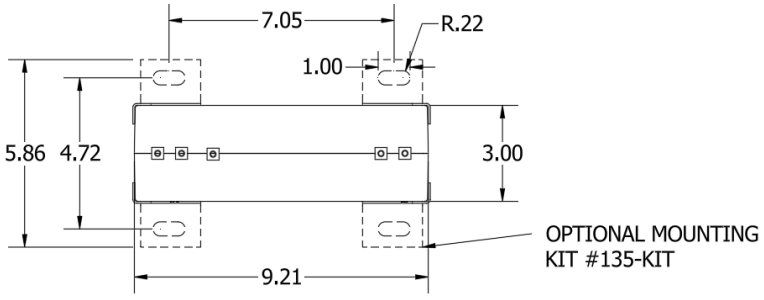
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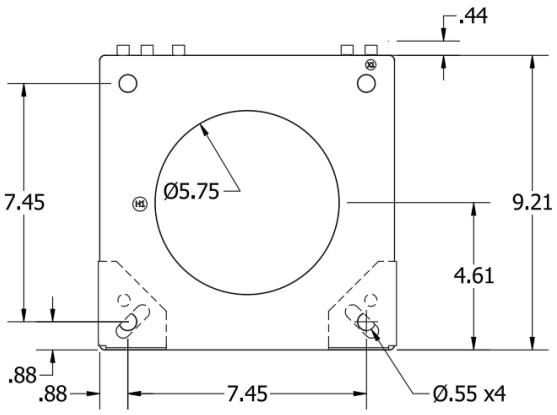
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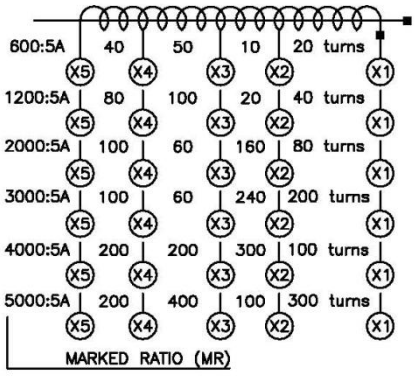
ISO 9001 QUALITY MANAGEMENT

**MODEL 135MR**
**Window Diameter 5.75”**
**Approximate weight: 18 lbs.**

| Catalog Number | Relay Class | Continuous Thermal | |
|---|---|---|---|
| | | @ 30°C | @ 50°C |
| **135-601MR** | C50 | 2.0 | 2.0 |
| **135-122MR** | C100 | 1.5 | 1.33 |
| **135-202MR** | C100 | 1.0 | 0.8 |
| **135-302MR** | C200 | 1.0 | 0.8 |
| **135-402MR** | C200 | 1.0 | 0.6 |
| **135-502MR** | C200 | 1.0 | 0.6 |



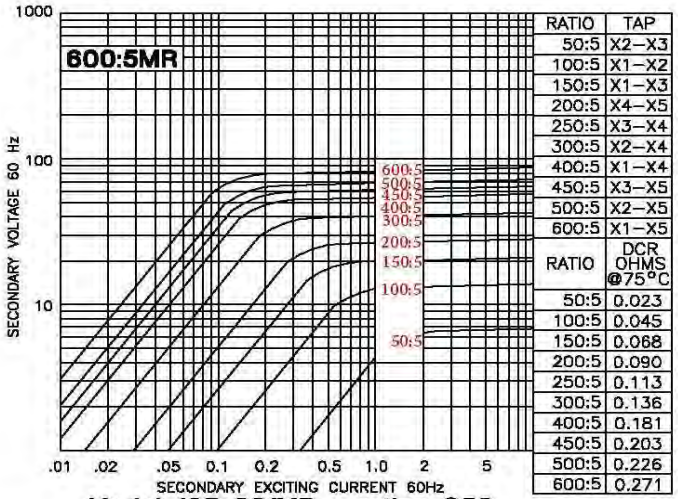

Products are manufactured in a plant whose quality management system has been certified to be in compliance with ISO 9001:2015 by NQA

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# Current Transformer

**Model 135MR**
rev 08262025

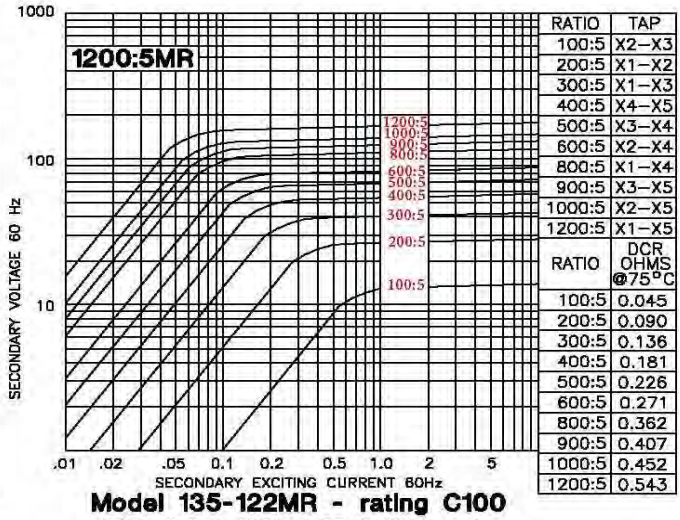
## EXCITATION CURVE




| RATIO | TAP |
|---|---|
| 50:5 | X2–X3 |
| 100:5 | X1–X2 |
| 150:5 | X1–X3 |
| 200:5 | X4–X5 |
| 250:5 | X3–X4 |
| 300:5 | X2–X4 |
| 400:5 | X1–X4 |
| 450:5 | X3–X5 |
| 500:5 | X2–X5 |
| 600:5 | X1–X5 |

| RATIO | DCR OHMS @75°C |
|---|---|
| 50:5 | 0.023 |
| 100:5 | 0.045 |
| 150:5 | 0.068 |
| 200:5 | 0.090 |
| 250:5 | 0.113 |
| 300:5 | 0.136 |
| 400:5 | 0.181 |
| 450:5 | 0.203 |
| 500:5 | 0.226 |
| 600:5 | 0.271 |

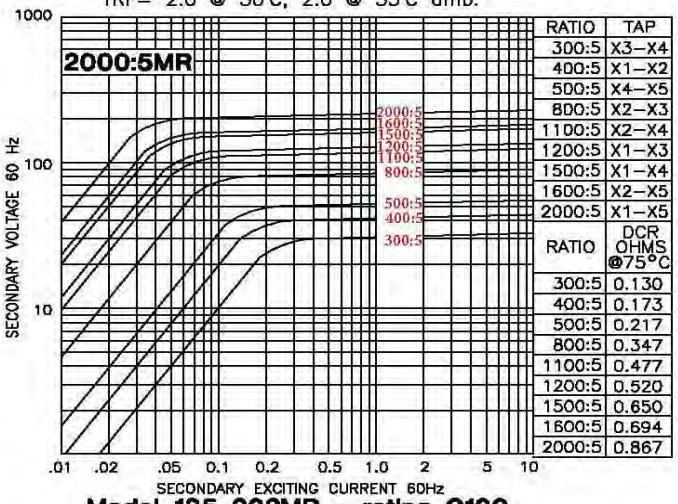
**Model 135-601MR - rating C50**
TRF= 2.0 @ 30°C, 2.0 @ 55°C amb.




| RATIO | TAP |
|---|---|
| 100:5 | X2–X3 |
| 200:5 | X1–X2 |
| 300:5 | X1–X3 |
| 400:5 | X4–X5 |
| 500:5 | X3–X4 |
| 600:5 | X2–X4 |
| 800:5 | X1–X4 |
| 900:5 | X3–X5 |
| 1000:5 | X2–X5 |
| 1200:5 | X1–X5 |

| RATIO | DCR OHMS @75°C |
|---|---|
| 100:5 | 0.045 |
| 200:5 | 0.090 |
| 300:5 | 0.136 |
| 400:5 | 0.181 |
| 500:5 | 0.226 |
| 600:5 | 0.271 |
| 800:5 | 0.362 |
| 900:5 | 0.407 |
| 1000:5 | 0.452 |
| 1200:5 | 0.543 |

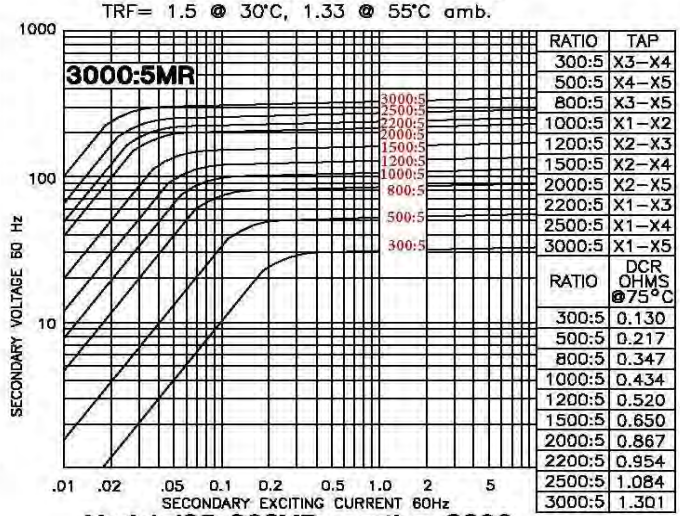
**Model 135-122MR - rating C100**
TRF= 1.5 @ 30°C, 1.33 @ 55°C amb.




| RATIO | TAP |
|---|---|
| 300:5 | X3–X4 |
| 400:5 | X1–X2 |
| 500:5 | X4–X5 |
| 800:5 | X2–X3 |
| 1100:5 | X2–X4 |
| 1200:5 | X1–X3 |
| 1500:5 | X1–X4 |
| 1600:5 | X2–X5 |
| 2000:5 | X1–X5 |

| RATIO | DCR OHMS @75°C |
|---|---|
| 300:5 | 0.130 |
| 400:5 | 0.173 |
| 500:5 | 0.217 |
| 800:5 | 0.347 |
| 1100:5 | 0.477 |
| 1200:5 | 0.520 |
| 1500:5 | 0.650 |
| 1600:5 | 0.694 |
| 2000:5 | 0.867 |

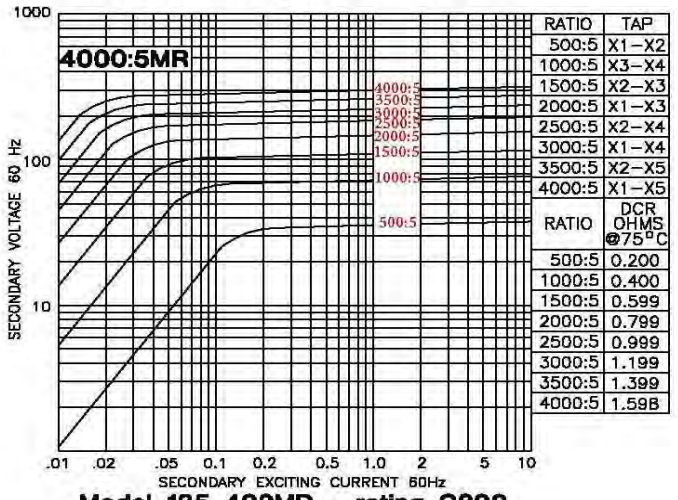
**Model 135-202MR - rating C100**
TRF= 1.0 @ 30°C, 0.8 @ 55°C amb.




| 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 |
| 2200:5 | X1–X3 |
| 2500:5 | X1–X4 |
| 3000:5 | X1–X5 |

| RATIO | DCR OHMS @75°C |
|---|---|
| 300:5 | 0.130 |
| 500:5 | 0.217 |
| 800:5 | 0.347 |
| 1000:5 | 0.434 |
| 1200:5 | 0.520 |
| 1500:5 | 0.650 |
| 2000:5 | 0.867 |
| 2200:5 | 0.954 |
| 2500:5 | 1.084 |
| 3000:5 | 1.301 |

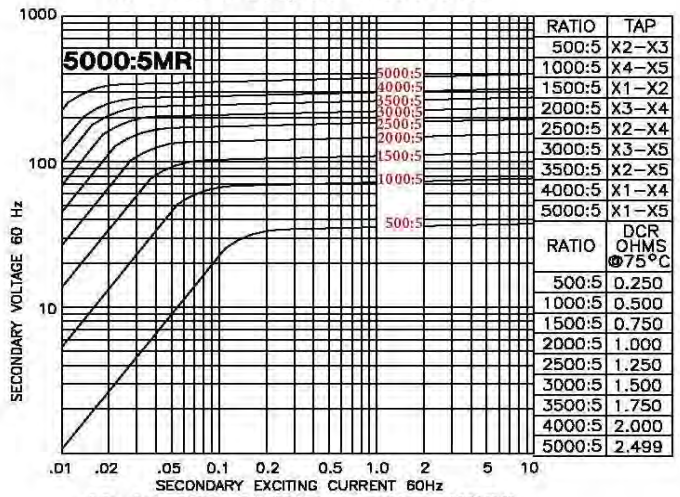
**Model 135-302MR - rating C200**
TRF= 1.0 @ 30°C, 0.8 @ 55°C amb.




| RATIO | TAP |
|---|---|
| 500:5 | X1–X2 |
| 1000:5 | X3–X4 |
| 1500:5 | X2–X3 |
| 2000:5 | X1–X3 |
| 2500:5 | X2–X4 |
| 3000:5 | X1–X4 |
| 3500:5 | X2–X5 |
| 4000:5 | X1–X5 |

| RATIO | DCR OHMS @75°C |
|---|---|
| 500:5 | 0.200 |
| 1000:5 | 0.400 |
| 1500:5 | 0.599 |
| 2000:5 | 0.799 |
| 2500:5 | 0.999 |
| 3000:5 | 1.199 |
| 3500:5 | 1.399 |
| 4000:5 | 1.598 |

**Model 135-402MR - rating C200**
TRF= 1.0 @ 30°C, 0.6 @ 55°C amb.




| RATIO | TAP |
|---|---|
| 500:5 | X2–X3 |
| 1000:5 | X4–X5 |
| 1500:5 | X1–X2 |
| 2000:5 | X3–X4 |
| 2500:5 | X2–X4 |
| 3000:5 | X3–X5 |
| 3500:5 | X2–X5 |
| 4000:5 | X1–X4 |
| 5000:5 | X1–X5 |

| RATIO | DCR OHMS @75°C |
|---|---|
| 500:5 | 0.250 |
| 1000:5 | 0.500 |
| 1500:5 | 0.750 |
| 2000:5 | 1.000 |
| 2500:5 | 1.250 |
| 3000:5 | 1.500 |
| 3500:5 | 1.750 |
| 4000:5 | 2.000 |
| 5000:5 | 2.499 |

**Model 135-502MR - rating C200**
TRF= 1.0 @ 30°C, 0.6 @ 55°C amb.

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