

Product Details and Certifications

 RA Part Number: **25645-008-11**

Description: Current Transformer Model 7ARL, Ratio 1000:5, $\pm 1\%$ Accuracy,
35 VA Burden at 60 Hz



Representative Photo Only (actual product may vary based on configuration selections)

CURRENT TRANSFORMER DATA

| | |
|-----------------------|-----------|
| Current Ratio | 1000:5 A |
| Accuracy at 60 Hz (%) | $\pm 1\%$ |
| Burden at 60 Hz (VA) | 35 VA |
| Frequency | 50-400 Hz |
| Insulation Level | 600 Volts |

CERTIFICATIONS AND APPROVALS

| | |
|-------|---------|
| UL | 1015 |
| CSA | LR89403 |
| CURUS | E93779 |



REGULATORY AGENCY APPROVALS



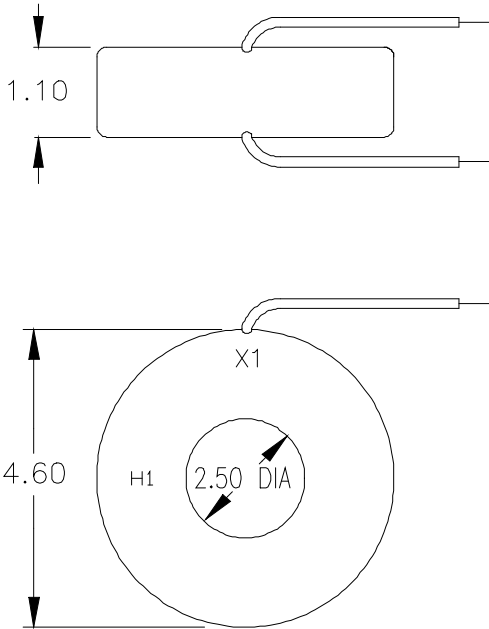
E93779



LR89403

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

Model 7ARL



APPLICATION:

Ammeters and wattmeters.

FREQUENCY:

50-400 Hz.

INSULATION LEVEL:

600 Volts, 10 kV BIL full wave.

Terminal are brass studs No. 8-32 with one flatwasher, lockwasher and regular nut.

Flexible leads are UL 1015, 105°C, CSA approved, #16 AWG, 24" long. Non-standard, lead length can be specified.

Order mounting bracket kit 0221B00182 separately for model 7ASHT.

Model 7ASHT and model 7ASFT also available as 7ASHL and 7ASFL with leads.

Approximate weight 1.5 lbs.

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| CATALOG NUMBER | CURRENT RATIO | V.A. ± 1% CLASS | ANSI METERING CLASS AT 60HZ | | | | | SECONDARY WINDING RESISTANCE (OHMS @ 75°C) | CONTINUOUS THERMAL RATING FACTOR | |
|-----------------|---------------|-----------------|-----------------------------|------------|------------|------------|------------|--|----------------------------------|------------|
| | | | BO.1 | BO.2 | BO.5 | BO.9 | B1.8 | | @ 30°C | @ 55°C |
| 7A**-101 | 100:5 | 1.0 | 2.4 | 4.8 | — | — | — | 0.014 | 2.0 | 2.0 |
| 7A**-151 | 150:5 | 2.5 | 1.2 | 2.4 | 4.8 | 4.8 | — | 0.025 | 2.0 | 2.0 |
| 7A**-201 | 200:5 | 5.0 | 0.6 | 1.2 | 2.4 | 4.8 | 4.8 | 0.035 | 2.0 | 2.0 |
| 7A**-251 | 250:5 | 7.5 | 0.3 | 0.6 | 1.2 | 2.4 | 4.8 | 0.043 | 2.0 | 2.0 |
| 7A**-301 | 300:5 | 12.5 | 0.3 | 0.6 | 1.2 | 2.4 | 2.4 | 0.052 | 2.0 | 1.5 |
| 7A**-401 | 400:5 | 15.0 | 0.3 | 0.3 | 0.6 | 1.2 | 2.4 | 0.069 | 2.0 | 1.5 |
| 7A**-501 | 500:5 | 25.0 | 0.3 | 0.3 | 0.6 | 1.2 | 1.2 | 0.108 | 1.5 | 1.0 |
| 7A**-601 | 600:5 | 30.0 | 0.3 | 0.3 | 0.6 | 0.6 | 1.2 | 0.130 | 1.5 | 1.0 |
| 7A**-751 | 750:5 | 30.0 | 0.3 | 0.3 | 0.3 | 0.6 | 0.6 | 0.163 | 1.33 | 1.0 |
| 7A**-801 | 800:5 | 35.0 | 0.3 | 0.3 | 0.3 | 0.6 | 0.6 | 0.173 | 1.33 | 1.0 |
| 7A**-102 | 1000:5 | 35.0 | 0.3 | 0.3 | 0.3 | 0.6 | 0.6 | 0.157 | 1.33 | 1.0 |
| 7A**-122 | 1200:5 | 40.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.6 | 0.234 | 1.0 | 1.0 |
| 7A**-152 | 1500:5 | 50.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.6 | 0.292 | 1.0 | 0.8 |
| 7A**-162 | 1600:5 | 50.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.6 | 0.312 | 1.0 | 0.8 |

**Note: When ordering, prefix Cat No. with model designation required i.e. 7ASHT-201, 7ARL-301, etc.

