

**Voltage Transformers**

These voltage transformers are designed for line-to-line or line-to-ground connection on the primary voltage indicated. See [Table 6.10 Voltage Transformers, UR/cUR Recognized, 60 Hz](#), page 6-9 to determine the applicable configuration for proper system voltage indication.

- **Model 450R**—designed for switchboard use. This model features high accuracy and burden capacity for excellent performance in metering and indication.
- **Model 460R**—a compact, lightweight design, providing exceptional performance in indicating applications.
- **Model 470R**—a compact, low cost design optimized for maximum accuracy and performance when used with Powerlogic™ circuit monitors.

**Table 6.10: Voltage Transformers, UR/cUR Recognized, 60 Hz**

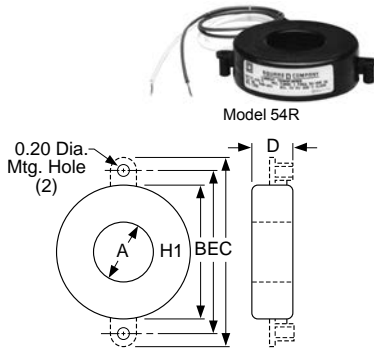
Model 450R Thermal Rating: 500 VA @ 30 °C; 300 VA @ 55 °C; Accuracy 0.3W, X, M & Y; 1.2 Z	Model 460R Thermal Rating: 150 VA @ 30 °C; 100 VA @ 55 °C; Accuracy 0.6W, 1.2 X	Model 470R Thermal Rating: 150 VA @ 30 °C; 100 VA @ 55 °C; Accuracy 0.3W, 1.2 X	System Voltage	Winding Ratio
Catalog Number	Catalog Number	Catalog Number		
450R069	460R069	470R069	69/120Y	0.58:1
450R120	460R120	470R120	120/208Y	1:1
450R208	460R208	470R208	120/208Y	1.73:1
450R240	460R240	470R240	240/416Y	2:1
450R288	460R288	470R288	288/500Y <sup>[1]</sup>	2.4:1
450R300	460R300	470R300	300/520Y	2.5:1
450R380	460R380	470R380	220/380Y	3.17:1
450R480	460R480	470R480	480/480Y <sup>[2]</sup>	4:1
450R600	460R600	470R600	600/600Y	5:1

Model	Dimensions (inches)		
	A	B	C
450R	6	7-1/8	5-7/8
460R	4-3/4	4-1/2	3-7/8
470R	4-3/4	4-1/2	3-7/8

**Current Transformers**

**Table 6.12: General Purpose Compact Units, UR/cUR Recognized**

Window Size (inches)	Catalog Number (without brackets)	Current Rating (Amperes)	VA 60 Hz	VA 400 Hz	Accuracy (At Rated Current)	Rating Factor 30 °C Ambient
1-1/8	2NR500	50:5	1.0	2.0	= 2%	1.0
	2NR600	60:5	1.0	2.0	= 2%	1.0
	2NR750	75:5	1.5	3.0	= 2%	1.0
	2NR800	80:5	1.5	3.0	= 2%	1.0
	2NR101	100:5	2.0	4.0	= 1%	1.0
	2NR121	120:5	2.5	5.0	= 1%	1.0
	2NR1250	125:5	2.5	5.0	= 1%	1.0
	2NR151	150:5	2.5	5.0	= 1%	1.0
	2NR201	200:5	2.5	5.0	= 1%	1.0
	2NR251	250:5	2.5	5.0	= 1%	1.0
	2NR301	300:5	2.5	5.0	= 1%	1.0
1-9/16	5NR101	100:5	2.0	4.0	= 1%	1.0
	5NR151	150:5	2.5	5.0	= 1%	1.0
	5NR201	200:5	5.0	12.5	= 1%	1.0
	5NR251	250:5	5.0	12.5	= 1%	1.0
	5NR301	300:5	5.0	12.5	= 1%	1.0
	5NR401	400:5	12.5	25.0	= 1%	1.0
	5NR501	500:5	12.5	25.0	= 1%	1.0
5NR601	600:5	25.0	50.0	= 1%	1.0	
1-9/16	54R101	100:5	2.0	4.0	= 1%	1.0
	54R151	150:5	2.5	5.0	= 1%	1.0
	54R201	200:5	5.0	12.5	= 1%	1.0
	54R251	250:5	5.0	12.5	= 1%	1.0
	54R301	300:5	5.0	12.5	= 1%	1.0
	54R401	400:5	12.5	25.0	= 1%	1.0
	54R501	500:5	12.5	25.0	= 1%	1.0
54R601	600:5	25.0	50.0	= 1%	1.0	
2-1/4	7RL500	50:5	2.5	5.0	= 1%	1.5
	7RL101	100:5	2.5	5.0	= 1%	1.5
	7RL151	150:5	2.5	5.0	= 1%	1.5
	7RL201	200:5	5.0	10.0	= 1%	1.5
	7RL251	250:5	5.0	10.0	= 1%	1.5
	7RL301	300:5	5.0	10.0	= 1%	1.5
	7RL401	400:5	12.5	25.0	= 1%	1.5
	7RL501	500:5	12.5	25.0	= 1%	1.5
	7RL601	600:5	12.5	25.0	= 1%	1.5
	7RL751	750:5	12.5	25.0	= 1%	1.5
	7RL801	800:5	12.5	25.0	= 1%	1.5
	7RL102	1000:5	25.0	50.0	= 1%	1.5
	7RL122	1200:5	25.0	50.0	= 1%	1.5
7RL152	1500:5	25.0	50.0	= 1%	1.5	



**Table 6.11: Dimensions for Models 2NR, 5NR, 54R, and 7RL**

Model	Dimensions (inches)				
	A	B	C	D	E
2NR	1.13	2.38	—	.94	—
5NR	1.56	3.50	—	1.06	—
54R	1.56	3.50	4.56	1.06	4.00
7RL	2.25	4.38	—	1.38	—

[1] For use on 277/480 Wye systems.  
[2] For use on 480 V Delta systems.