

Wound Primary Current Transformer

Models 10WP & 189

The Model 10WP is a low ratio wound primary current transformer, suitable for primary currents up to 40 amperes. The Model 10WP table lists the most common current ratings. Primary terminals for the Model 10WP are: for ratios of 25:5 and below, No. 8-32 brass studs with one flatwasher, lockwasher and regular nut, for ratios of 30:5 and above, 1/4-20 brass studs with one flatwasher, lockwasher and regular nut.



Model 10WP

The Model 189 is a low ratio wound primary current transformer suitable for primary currents up to 100 amperes. The Model 189 table lists the most common current ratings. Primary terminals for the Model 189: for ratios of 30:5 and below are, No. 10-32 brass screws with one lockwasher (Dimension A=3.28), for ratios of 40:5 and above, 3/8-16 brass studs with one lockwasher and regular nut (Dimension A=4.10).



Model 189

Continuous Thermal Current Rating Factor

1.33 at 30° C amb., 1.0 at 55° C amb.

Frequency 50 - 400 Hz.

Insulation Level

0.6 kV, BIL 10kV full wave.

Secondary Terminals

Brass studs No. 8-32 UNC with one flatwasher, lockwasher and regular nut.

Approximate weight

Model 10WP: 1.5 lbs.

Model 189: 0.75 lbs.

Regulatory Agencies



Model 10WP			
Part Number	Current Ratio	ANSI Metering Class at 60 Hz	
		B0.1	B0.2
10WP-0025	2.5:5	0.6	0.6
10WP-005	5:5	0.6	0.6
10WP-0075	7.5:5	0.6	0.6
10WP-010	10:5	0.6	0.6
10WP-015	15:5	0.6	0.6
10WP-020	20:5	0.6	0.6
10WP-025	25:5	0.6	0.6
10WP-030	30:5	0.6	0.6
10WP-040	40:5	0.6	0.6

Model 189			
Part Number	Current Ratio	ANSI Metering Class at 60 Hz	
		B0.1	B0.2
189-0025	2.5:5	0.6	0.6
189-005	5:5	0.6	0.6
189-0075	7.5:5	0.6	0.6
189-010	10:5	0.6	0.6
189-015	15:5	0.6	0.6
189-020	20:5	0.6	0.6
189-025	25:5	0.6	0.6
189-030	30:5	0.6	0.6
189-040	40:5	0.6	0.6
189-050	50:5	0.6	0.6
189-060	60:5	0.6	0.6
189-075	75:5	0.6	0.6
189-080	80:5	0.6	0.6
189-101	100:5	0.6	0.6