RITZ INSTRUMENT TRANSFORMERS, INC.

Instrument Transformers

c UL us
E351812

Type OCBW Current Transformer

APPLICATION
Protection and Metering

FREQUENCY
50-400 Hz

INSULATION LEVEL
0.6kV, 10 kV BIL

Short-Time Thermal Current
80 x Inom - 1 second

Short-Time Mechanical Current
180 x Inom

ENVIRONMENT
Indoor

WINDOW SIZE
6.5 Inches / 165 mm

APPROXIMATE WEIGHT
30 lbs / 13.6 kg

CATALOG NUMBER	RATIO	IEEE RELAY CLASS	IEEE METERING CLASS					RATING FACTOR	
			B0.1	B0.2	B0.5	B0.9	B1.8	30C	55C
SINGLE-RATIO CURRENT TRANSFORMERS									
110602018.0647	50:5	-	4.8	-	-	-	-	2.0	1.5
110602018.0648	75:5	C10	4.8	4.8	-	-	-	2.0	1.5
110602018.0649	100:5	C10	1.2	2.4	4.8	-	-	2.0	1.5
110602018.0650	150:5	C20	0.6	1.2	2.4	2.4	4.8	2.0	1.5
110602018.0651	200:5	C20	0.6	0.6	1.2	2.4	4.8	2.0	1.5
110602018.0652	250:5	C20	0.6	0.6	0.6	1.2	2.4	2.0	1.5
110602018.0653	300:5	C20	0.3	0.6	0.6	1.2	2.4	2.0	1.5
110602018.0654	400:5	C50	0.3	0.3	0.6	0.6	1.2	2.0	1.5
110602018.0655	500:5	C50	0.3	0.3	0.3	0.6	0.6	2.0	1.5
110602018.0656	600:5	C100	0.3	0.3	0.3	0.3	0.6	2.0	1.5
110602018.0657	750:5	C100	0.3	0.3	0.3	0.3	0.6	2.0	1.5
110602018.0658	800:5	C100	0.3	0.3	0.3	0.3	0.3	2.0	1.5
110602018.0659	1000:5	C100	0.3	0.3	0.3	0.3	0.3	2.0	1.5
110602018.0660	1200:5	C200	0.3	0.3	0.3	0.3	0.3	2.0	1.5
110602018.0661	1500:5	C200	0.3	0.3	0.3	0.3	0.3	1.5	1.33
110602018.0662	1600:5	C200	0.3	0.3	0.3	0.3	0.3	1.5	1.33
110602018.0663	2000:5	C200	0.3	0.3	0.3	0.3	0.3	2.0	1.5
110602018.0664	2500:5	C200	0.3	0.3	0.3	0.3	0.3	1.5	1.33
110602018.0665	3000:5	C200	0.3	0.3	0.3	0.3	0.3	1.5	1.33
110602018.0666	3200:5	C200	0.3	0.3	0.3	0.3	0.3	1.5	1.33
110602018.0667	3500:5	C200	0.3	0.3	0.3	0.3	0.3	1.5	1.33
110602018.0668	4000:5	C200	0.3	0.3	0.3	0.3	0.3	1.0	0.8
110602018.0669	5000:5	C200	0.3	0.3	0.3	0.3	0.3	1.0	0.8
110602018.0670	6000:5	C200	0.3	0.3	0.3	0.3	0.3	1.0	0.8
MULTI-RATIO CURRENT TRANSFORMERS									
110602018.0671	600:5 MR	C100	0.3	0.3	0.3	0.6	0.6	2.0	1.5
110602018.0672	1200:5 MR	C200	0.3	0.3	0.3	0.3	0.3	2.0	1.5
110602018.0673	2000:5 MR	C200	0.3	0.3	0.3	0.3	0.3	2.0	1.5
110602018.0674	3000:5 MR	C200	0.3	0.3	0.3	0.3	0.3	1.5	1.33
110602018.0675	4000:5 MR	C200	0.3	0.3	0.3	0.3	0.3	1.0	0.8

General Description

The OCBW is a ring-type current transformer which is wound with a fully distributed secondary winding. The protective 2-piece plastic case is assembled by a self-snapping mechanism.

Standards

Standard units are built and tested to IEEE C57.13 and CSA C60044-1. Units built to IEC 60044-1 and other international standards are available upon request. Units are also approved and listed by UL and CSA.

Secondary Terminals

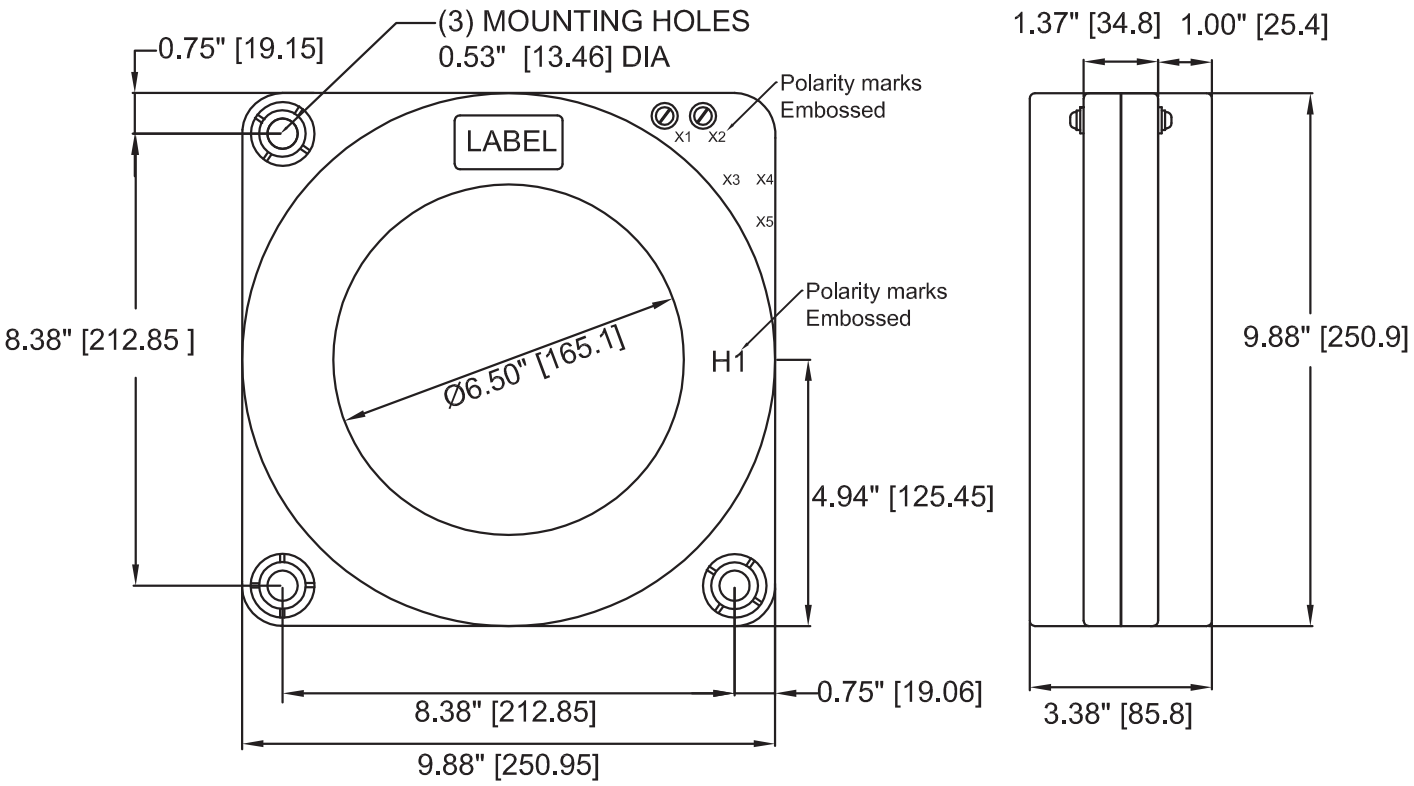
Secondary terminals are 10-32 brass terminal screws with one flat washer, one lock washer, and a regular nut on each side.

Test Reports

All factory test data is collected and stored electronically and can be e-mailed in various formats at the time of shipment.

Curves

Excitation, ratio correction factor, and phase-angle curves are available upon request.



RITZ INSTRUMENT TRANSFORMERS, INC.
25 Hamburg Avenue • Lavonia, GA 30553 USA
706-356-7180 • www.ritzusa.com
e-mail: sales@ritzusa.com

SALES REPRESENTATIVE