

OSI VARIABLE FREQUENCY CURRENT TRANSFORMER

FEATURES

- High accuracy - better than 0.3 Class
- Low frequency range extends to 10Hz
- Multi-contour window for cable or bus bar
- Mounting to panel or bus bar
- 0.1A secondary



5 YEAR WARRANTY

APPLICATIONS

- Variable frequency drives
- Energy management systems
- Ideal for use with OSI WTx/WVx Watt/VAR transducers.

MODEL SELECTION

CURRENT RATIO (A)	PART NUMBER	FREQUENCY RANGE (HZ)	BURDEN (VA)	RATIO ERROR (%)	PHASE ERROR (MINUTES)	SIZE
100:0.1	110013	10-500	0.1	0.2	10	1
200:0.1	110014	10-500	0.1	0.1	5	1
200:0.1	110022	10-500	0.1	0.1	5	2
300:0.1	110015	10-500	0.1	0.1	5	1
400:0.1	110016	10-500	0.1	0.1	5	2
400:0.1	110061	10-500	0.1	0.1	5	3
500:0.1	110017	10-500	0.1	0.1	5	2
600:0.1	110018	10-500	0.1	0.1	5	2
600:0.1	110062	10-500	0.1	0.1	5	3
800:0.1	110019	10-500	0.1	0.1	5	3
1000:0.1	110021	10-500	0.1	0.1	5	3

SPECIFICATIONS

INPUT..... Primary current Select desired value from Current Ratio column in table

OUTPUT..... Secondary current 0.1A
 Burden 0.1VA
 (10Ω @ 0.1A)

ACCURACY Ratio and phase errors from table apply from 10% to 100% of range

INSULATION CLASS 600V

TEMPERATURE

Operating Range -10 to 55°C
 Rating Factor 1.5 @ 25°C
 1.0 @ 55°C

PHYSICAL

Secondary Terminations..... M5-0.8 screws with clamps suitable for stripped wire or spade/ring terminals
 Removable cover is provided to prevent accidental contact with terminations
 Mounting Hardware is provided for either panel or bus bar mounting
 Weight..... (Size 1) 0.6 lbs.
 (Size 2) 0.85 lbs.
 (Size 3) 1.2 lbs.

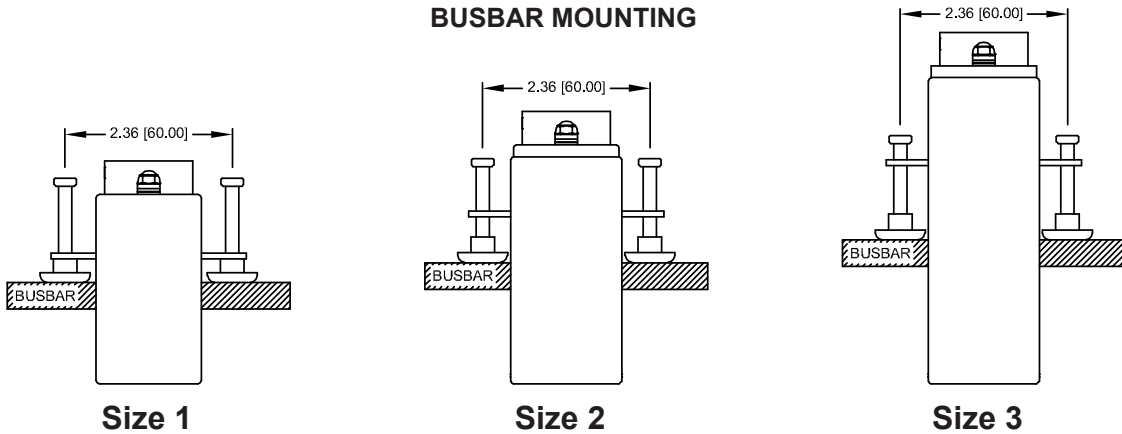
OHIO SEMITRONICS, INC. 4242 REYNOLDS DRIVE * HILLIARD, OHIO * 43026-1264
 PHONE: (614) 777-1005 * FAX: (614) 777-4511
 WWW.OHIOSEMITRONICS.COM * 1-800-537-6732



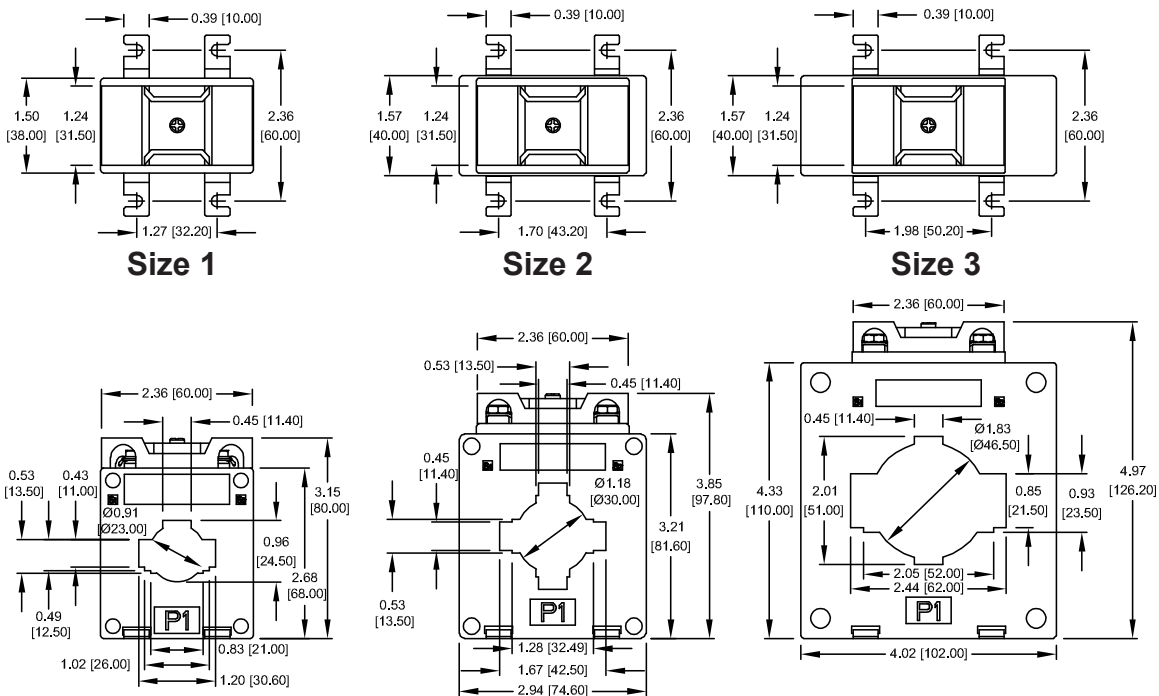
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DIMENSIONS and MOUNTING

SIDE VIEW BUSBAR MOUNTING

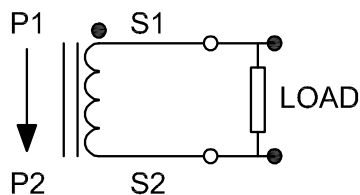


TOP VIEW PANEL MOUNTING



Dwg# 0902-01025-B Rev-A

CONNECTION DIAGRAM



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