

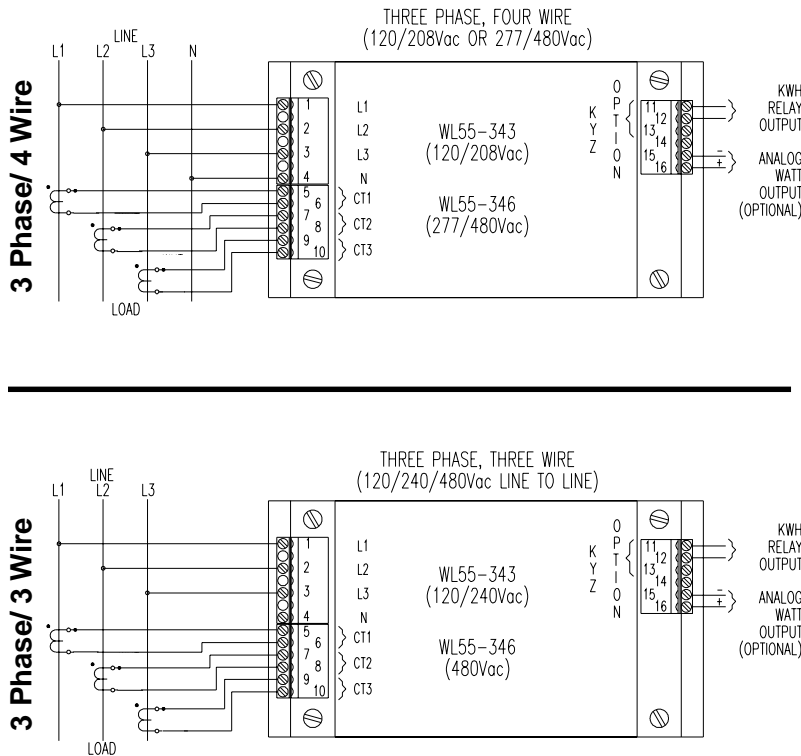


# WATT HOUR TRANSDUCERS

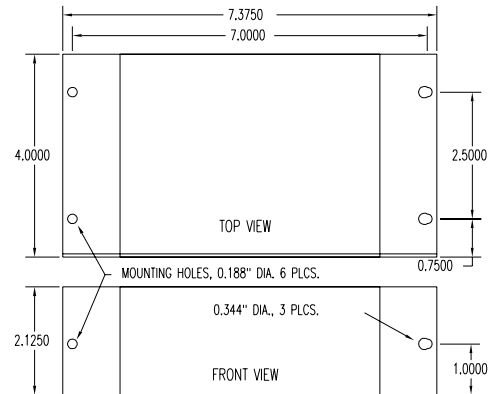
## CONNECTION DIAGRAMS/SPECS

MODEL WL55

### WL55 CONNECTION DIAGRAMS



### WL55 CASE DIMENSIONS



All Dimensions In Inches

### CAUTION:

To prevent damage to power lines and the WL55 Watt-Hour Transducer, **NEVER** connect the current input directly. Always use current transformers (0-5A secondaries) rated 600V class to provide the required isolation.

### WL55 LED DIAGNOSTICS

VOLTAGE (GREEN LEDS)	Voltage > 266V L-N > 460V L-L	Voltage ≥ 177V L-N ≤ 265V L-N ≥ 306V L-L ≤ 459V L-L	Voltage ≥ 85V L-N ≤ 176V L-N ≥ 147V L-L ≤ 305V L-L	Low or Missing Voltage < 85V L-N < 145V L-L
Ø1	On	On Blink Off	Off Blink On	Off
Ø2	On	On Blink Off	Off Blink On	Off
Ø3	On	On Blink Off	Off Blink On	Off
CURRENT (RED LEDS)		Good CT Connection	CT Reversed	No Load Current
Ø1	N/A	On	Off Blink On	Off
Ø2	N/A	On	Off Blink On	Off
Ø3	N/A	On	Off Blink On	Off
KWH PULSE (RED LEDS)	Consumed Energy Only Relay Off/Relay On			
WH	Off/On			

### WL55 Diagnostics

The WL55 has a set of 7 Light Emitting Diodes (LED) to aid in diagnosing problems with connections. There are 3 green LED's for voltage, 3 red LED's for current, and 1 red LED for watt-hours. LED indicators are as shown.

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