

## DIN-RAIL-MOUNTED AC WATT/VAR TRANSDUCER

### FEATURES

- Available with 1-, 2-, or 3-element configurations.
- Some models provide bidirectional outputs.
- Compact DIN-Rail package, CE and CSA approvals.



**5 YEAR WARRANTY**

### APPLICATIONS

- Integration into energy management systems or a variety of sub-metering applications.
- Measurement using direct-connection, current transformers, and/or potential transformers.
- Sinusoidal Waveforms.

### SINGLE- AND THREE-PHASE MODELS WITH INTERNAL SENSOR

INPUTS		F.S. WATT/VAR	PHASE	NO. OF ELEMENTS	STANDARD OUTPUTS MODEL DWV-			
AC VOLTS	AC AMPS				0-±1mA dc	0-±10V dc	4-20mA dc	0-±5V dc
0 - 150	0 - 5	500	1P-2W	1	001B	001D	001E	001X5
0 - 300	0 - 5	1000	1P-2W	1	002B	002D	002E	002X5
0 - 600	0 - 5	2000	1P-2W	1	003B	003D	003E	003X5
0 - 150	0 - 5	1000	3P-3W	2	004B	004D	004E	004X5
0 - 300	0 - 5	2000	3P-3W	2	005B	005D	005E	005X5
0 - 600	0 - 5	4000	3P-3W	2	006B	006D	006E	006X5
0 - 150 L-N	0 - 5	1500	3P-4W	3	007B	007D	007E	007X5
0 - 300 L-N	0 - 5	3000	3P-4W	3	008B	008D	008E	008X5

### SPECIFICATIONS

#### INPUT

Voltage ..... See Table  
 Current ..... 0-5A ac  
 Frequency ..... Standard ..... 60Hz  
 Option “-50” ..... 50Hz  
 Power Factor ..... any  
 Burden  
 Voltage ..... 400kΩ/phase  
 Current ..... 0.01Ω/phase  
 Overload  
 Voltage (continuous) ..... 120% of F.S. Voltage  
 Current (continuous) ..... 120% of F.S. Current

#### DIELECTRIC TEST

Input/Instrument Power to Output/Case ..... 3700Vac  
 Input to Input ..... 2200Vac  
 Output to Case ..... 490Vac

#### OUTPUT

Loading  
 “B” models ..... (0-1mA dc) ..... 0-15kΩ  
 “E” models ..... (4-20mA dc) ..... 0-750Ω  
 “X5”, “D” models ..... (0-5, 0-10V dc) ..... 2.5kΩ min.  
 Response Time ..... (to 99% F.S.) ..... <300ms

ACCURACY ..... ±0.5% F.S.

#### INSTRUMENT POWER

Standard ..... 85-230Vac/dc, 50/60Hz, 7.0VA

#### TEMPERATURE & PHYSICAL

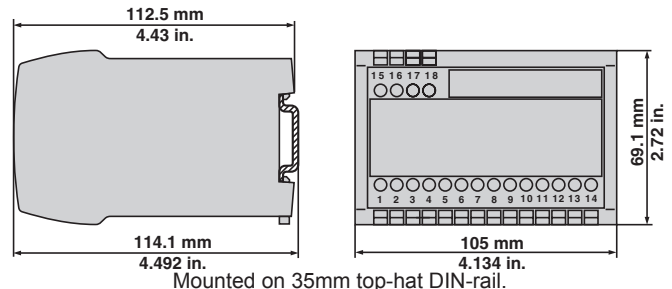
Temperature Range ..... -10°C to 55°C  
 Annual Mean Humidity ..... <75%  
 Net Weight ..... 1 lb  
 Termination ..... 10 AWG max.

### ORDERING INFORMATION

Example: Three-Phase, Three-Wire  
 120Vac, 5A Input with 0-1mA dc Output.

**DWV-004B**

### DIMENSIONS



### CONNECTIONS

