

### Single, dual, and triple displays

- Field Configurable
- Measures True RMS Current and Voltage
- Accuracy:  $\pm 0.2\%$  of Rdg.  $\pm 0.1\%$  FS
- Displays MIN/MAX Values
- Scaling to 1250:1 for Potential Transformers, 5000:1 for Current Transformers
- Available for Single and Three-Phase Systems
- High-Resolution, High-Intensity LED Display
- Fits Standard ANSI Panel Cutout
- Non-Volatile Memory Stores All Setup Parameters
- Options Include Modbus Communications, Analog Output, DC Auxiliary Power Supply

See Power Series Plus catalog for complete specifications.

2493



Made in USA

### AC AMP/VOLT/FREQUENCY SINGLE FUNCTION

To Order—Insert Number Code for Each Letter to Select Catalog Number.  
Order Example: 2491-21-01-1-AHD-1-1

A - B - C - D - E - F - G

A	2491	Single Function
B	Function	
	11	Amp AC
	21	Volts AC
	81	Frequency
C	AC Input Rating	
	01	1 Amp
	05	5 Amp
	10	150 Volt
	20	300 Volt
	30	600 Volt
D	Frequency	
	1	50/60 Hz
	2	400 Hz
E	Analog Output	
	AAA	None
	AFA	0 to 1 mA
	AHD	4 to 20 mA
F	RS-485 Protocol	
	1	ASCII
	2	Modbus
G	Auxiliary Power	
	1	120/240 VAC
	3	24 VDC
	4	48 VDC
	5	125 VDC



2491



2492

### AC WATT/VAR SINGLE FUNCTION

To Order—Insert Number Code for Each Letter to Select Catalog Number.  
Order Example: 2491-53-11-1-AHD-1-3

A - B - C - D - E - F - G

A	2491	Single Function
B	Function & Connection	
	51	Watt 1P2W
	52	Watt 1P3W
	53	Watt 3P3W
	54	Watt 3P4W (2 <sup>1</sup> / <sub>2</sub> Element)
	55	Watt 3P4W (3 Element)
	61	Vars 1P2W
	62	Vars 1P3W
	63	Vars 3P3W
	64	Vars 3P4W (2 <sup>1</sup> / <sub>2</sub> Element)
	65	Vars 3P4W (3 Element)
	71	Power Factor 1P2W
	72	Power Factor 1P3W
	73	Power Factor 3P3W
	74	Power Factor 3P4W (2 <sup>1</sup> / <sub>2</sub> Element)
	75	Power Factor 3P4W (3 Element)
	91	Phase Angle 1P2W
	92	Phase Angle 1P3W
	93	Phase Angle 3P3W
	94	Phase Angle 3P4W (2 <sup>1</sup> / <sub>2</sub> Element)
	95	Phase Angle 3P4W (3 Element)
C	AC Input Rating	
	11	120 Volt/1 Amp
	15	120 Volt/5 Amp
	21	240 Volt/1 Amp
	25	240 Volt/5 Amp
	31	480 Volt/1 Amp
	35	480 Volt/5 Amp
D	Frequency	
	1	50/60 Hz
E	Analog Output	
	AAA	None
	AFA	0 to 1 mA
	AHD	4 to 20 mA
	AHF	12 $\pm$ 8 mA
F	RS-485 Protocol	
	1	ASCII
	2	Modbus
G	Auxiliary Power	
	1	120/240 VAC
	3	24 VDC
	4	48 VDC
	5	125 VDC

## DUAL AC VOLT/AMP AND VOLT/FREQUENCY

To Order—Insert Number Code for Each Letter to Select Catalog Number.  
Order Example: 2492-12-51-1-AHD-1-1

A	2492	Dual Display	
B	Function		
	12	Volt/Amp AC	22 Volt/Hz
C	Input Rating		
	51	150 Volt/1 Amp AC	10 150 Volt AC
	55	150 Volt/5 Amp AC	20 300 Volt AC
	61	300 Volt/1 Amp AC	30 600 Volt AC
	65	300 Volt/5 Amp AC	
	71	600 Volt/1 Amp AC	
	75	600 Volt/5 Amp AC	
D	Frequency		
	1	50/60 Hz	
	2	400 Hz	
E	Analog Output		
	AAA	None	
	AFA	0 to 1 mA	
	AHD	4 to 20 mA	
F	RS-485 Protocol		
	1	ASCII	
	2	Modbus	
G	Auxiliary Power Supply		
	1	120/240 VAC	
	3	24 VDC	
	4	48 VDC	
	5	125 VDC	

## AC WATT/VAR/POWER FACTOR

To Order—Insert Number Code for Each Letter to Select Catalog Number.  
Order Example: 2493-34-11-1-AFA-1-1

A	2492	Dual Display	2493	Triple Display
B	Function/Connection		B	Function/Connection
	40	Watt/VAR 1P2W	34	Watt/VAR/PF 1P2W
	41	Watt/VAR 1P3W	35	Watt/VAR/PF 1P3W
	42	Watt/VAR 3P3W	36	Watt/VAR/PF 3P3W
	43	Watt/VAR 3P4W (2½ Element)	37	Watt/VAR/PF 3P4W (2½ Element)
	44	Watt/VAR 3P4W (3 Element)	38	Watt/VAR/PF 3P4W (3 Element)
	45	Watt/PF 1P2W		
	46	Watt/PF 1P3W		
	47	Watt/PF 3P3W		
	48	Watt/PF 3P4W (2½ Element)		
	49	Watt/PF 3P4W (3 Element)		
C	AC Input Rating		C	AC Input Rating
	11	120 Volt/1 Amp	11	120 Volt/1 Amp
	15	120 Volt/5 Amp	15	120 Volt/5 Amp
	21	240 Volt/1 Amp	21	240 Volt/1 Amp
	25	240 Volt/5 Amp	25	240 Volt/5 Amp
	31	480 Volt/1 Amp	31	480 Volt/1 Amp
	35	480 Volt/5 Amp	35	480 Volt/5 Amp
D	Frequency		D	Frequency
	1	50/60 Hz	1	50/60 Hz
E	Analog Output		E	Analog Output
	AAA	None	AAA	None
	AFA	0 to 1 mA	AFA	0 to 1 mA
	AHD	4 to 20 mA	AHD	4 to 20 mA
	AHF	12 ±8 mA		
F	RS-485 Protocol		F	RS-485 Protocol
	1	ASCII	1	ASCII
	2	Modbus	2	Modbus
G	Aux. Power Supply		G	Aux. Power Supply
	1	120/240 VAC	1	120/240 VAC
	3	24 VDC	3	24 VDC
	4	48 VDC	4	48 VDC
	5	125 VDC	5	125 VDC

## TRIPLE AC VOLT OR AMP

To Order—Insert Number Code for Each Letter to Select Catalog Number.  
Order Example: 2493-02-01-1-AFA-1-1

A	2493	Triple Display
B	Connections	
	01	3P3W Volts AC
	02	3P4W Volts AC
	05	3-Phase A, B, C Amps AC
C	Input Rating	
	01	1 A
	05	5 A
	10	150 V
	20	300 V
	30	600 V
D	Frequency	
	1	50/60 Hz
	2	400 Hz
E	Analog Output	
	AAA	None
	AFA	0 to 1 mA DC
	AHD	4 to 20 mA DC
F	RS-485 Protocol	
	1	ASCII
	2	Modbus
G	Auxiliary Power	
	1	120/240 VAC
	3	24 VDC
	4	48 VDC
	5	125 VDC

## TRIPLE AC VOLT/AMP/HERTZ

To Order—Insert Number Code for Each Letter to Select Catalog Number.  
Order Example: 2493-08-51-1-AHD-1-1

A	2493	Triple Display
B	Function/Connections	
	07	Volt/Amp/Hz 1P2W
	08	Volt/Amp/Hz 3P3W
	09	Volt/Amp/Hz 3P4W
C	AC Volt/Amp Rating	
	51	150V /1 A
	55	150V /5 A
	61	300V /1 A
	65	300V /5 A
	71	600V /1 A
	75	600V /5 A
D	Frequency	
	1	50/60 Hz
	2	400 Hz
E	Analog Output	
	AAA	None
	AFA	0 to 1 mA DC
	AHD	4 to 20 mA DC
F	RS-485 Protocol	
	1	ASCII
	2	Modbus
G	Auxiliary Power	
	1	120/240 VAC
	3	24 VDC
	4	48 VDC
	5	125 VDC

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