

Weschler AC Switchboard Meters

(formerly Yokogawa)

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 Cutouts
- Non-Volatile Memory Stores All Setup Parameters
- Options Include Modbus Communications, Analog Output, DC Auxiliary Power Supply



▲ 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 $\frac{1}{2}$ Element)
	55	Watt 3P4W (3 Element)
	61	Vars 1P2W
	62	Vars 1P3W
	63	Vars 3P3W
	64	Vars 3P4W (2 $\frac{1}{2}$ Element)
	65	Vars 3P4W (3 Element)
	71	Power Factor 1P2W
	72	Power Factor 1P3W
	73	Power Factor 3P3W
	74	Power Factor 3P4W (2 $\frac{1}{2}$ Element)
	75	Power Factor 3P4W (3 Element)
	91	Phase Angle 1P2W
	92	Phase Angle 1P3W
	93	Phase Angle 3P3W
	94	Phase Angle 3P4W (2 $\frac{1}{2}$ Element)
	95	Phase Angle 3P4W (3 Element)



2493 ▶

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	Yokogawa ASCII
	2	Modbus
G	Auxiliary Power	
	1	120/240 VAC
	3	24 VDC
	4	48 VDC
	5	125 VDC

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	Yokogawa ASCII
	2	Modbus
G	Auxiliary Power	
	1	120/240 VAC
	3	24 VDC
	4	48 VDC
	5	125 VDC

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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	B	C	D	E	F	G
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	Yokogawa 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	B	C	D	E	F	G
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	Yokogawa 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	B	C	D	E	F	G
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				
	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	Yokogawa 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	B	C	D	E	F	G
A	2492	Dual Display				
B	Function/Connection					
	40	Watt/VAR 1P2W				
	41	Watt/VAR 1P3W				
	42	Watt/VAR 3P3W				
	43	Watt/VAR 3P4W (2½ Element)				
	44	Watt/VAR 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					
	11	120 Volt/1 Amp				
	15	120 Volt/5 Amp				
	21	240 Volt/1 Amp				
	25	240 Volt/5 Amp				
D	Frequency					
	1	50/60 Hz				
E	Analog Output					
	AAA	None				
	AFA	0 to 1 mA				
	AHD	4 to 20 mA				
F	RS-485 Protocol					
	1	Yokogawa ASCII				
	2	Modbus				
G	Aux. Power Supply					
	1	120/240 VAC				
	3	24 VDC				
	4	48 VDC				
	5	125 VDC				

A	2493	Triple Display				
B	Function/Connection					
	34	Watt/VAR/PF 1P2W				
	35	Watt/VAR/PF 1P3W				
	36	Watt/VAR/PF 3P3W				
	37	Watt/VAR/PF 3P4W (2½ Element)				
	38	Watt/VAR/PF 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				
F	RS-485 Protocol					
	1	Yokogawa ASCII				
	2	Modbus				
G	Aux. Power Supply					
	1	120/240 VAC				
	3	24 VDC				
	4	48 VDC				
	5	125 VDC				