

Yokogawa Mini Switchboard Meters



2182

Mini Switchboard Series

- Compact Size 3" Case
- Rugged, Durable Construction
- No Shadows on Scale
- Accurate and Readable, Even from Sharp Angles
- Accurate to Within $\pm 1.5\%$ of Full Scale
- Attractive, Uncluttered Scales
- Taut-Band Suspension



2185

SPECIFICATIONS

Accuracy	$\pm 1.5\%$ of FS basic accuracy class
Rectifier Instruments	$\pm 1.5\%$ @ 25°C calibrated on sine
Operating Temperature Range	0–40°C (32°F–104°F)
Dielectric Level	2,600 VAC for 1 minute between circuit & case
Overload Rating	Voltmeter or potential coils—1.2x continuous; AC ammeters—2x continuous, 10x for 1 second; Current coils other than AC ammeters 1.5x continuous, 10x for 1 second
Response Time	Approx. 2.5 seconds
Position of Use	Vertical (scale)
Full Scale Deflection Angle/Length	250°/5.5"
Case	ABS resin, black
Size (H x W x D)	3.18" x 3.18" x 4.35"
Barrel (cutout)	2.84" Dia.

ORDERING INFORMATION

AC/DC Amps, Volts and Frequency

To Order—Insert Number Code for Each Letter to Select Catalog Number.

Order Example: 218200-A42 (0-150)

A - B

A Basic Unit	
218100	DC Ammeters and Voltmeters
218200	AC Ammeters and Voltmeters
218830	Frequency Meters

B Rating and Scale	
DC Ammeter	
AKM	500 mADC
ALA	1 ADC
ALS	5 ADC
AMT	10 ADC
AND	15 ADC
ANG	20 ADC
ANL	30 ADC
A01	50 mVDC
A05	100 mVDC
AC Voltmeter	
VNL	30 VDC
VNT	50 VDC
VPK	100 VDC
VPZ	150 VDC
VRX	300 VDC
V01	1 mADC
35-	10-50 mADC
36-	4-20 mADC
37-	1-5 VDC
AC Voltmeter	
VPK	100 VAC
VPZ	150 VAC
V12	150 VAC(for PT)
VRX	300 VAC
VSI	600 VAC
V20	70-130 VAC*
V21	140-260 VAC*
* Expanded Scale	
Frequency Meter	
H40	115V 45-55 Hz
H41	115V 55-65 Hz
H42	115V 45-65 Hz

SPECIFICATIONS

In accordance with ANSI Specifications C39.1

Accuracy: Power Factor	$\pm 5\%$ of scale length
Accuracy: Watts/VARS	$\pm 1.5\%$ of FS value
Operating Temperature Range	0–40°C (32°F–104°F)
Dielectric Level	2,600 VAC for 1 minute between circuit & case

NOTE: All units supplied with external transducers.
Except balanced Power Factor Meter.

ORDERING INFORMATION

Watt, Var & Power Factor

To Order—Insert Number Code for Each Letter to Select Catalog Number.

Order Example: 2185-34-W56

A - B - C

A Basic Unit	
2185	AC Wattmeters
2186	AC Varmeters
2187	AC Power Factor Meter

B Function/Connection	
Watts	
31	Single Phase
34	Three Phase, Four Wire
35	Three Phase, Three Wire-Unbalanced
36	Three Phase, Four Wire-Unbalanced
Vars	
31	Single Phase
33	Three Phase, Three Wire
34	Three Phase, Four Wire
35	Three Phase, Three Wire-Unbalanced
36	Three Phase, Four Wire-Unbalanced
Power Factor	
31	Single Phase
33	Three Phase, Three Wire
35	Three Phase, Three Wire-Unbalanced
36	Three Phase, Four Wire-Unbalanced

C Input		
Watts	VARs	Power Factor
W55 120V-1A AC	M55 120V-1A AC	C55 120V-1A AC
W56 120V-5A AC	M56 120V-5A AC	C56 120V-5A AC
W65 240V-1A AC	M65 240V-1A AC	C65 240V-1A AC
W66 240V-5A AC	M66 240V-5A AC	C66 240V-5A AC

OPTIONS (WHERE APPLICABLE)

Custom Scaling
Nonstandard Ranges
Adjustable Potentiometer (Voltmeters Only)
Color Bands