

## Yokogawa AC Current Switchboard Meters

### AB Series

- Rugged, Durable Construction
- No Shadows on Scale
- Accurate and Readable Even from Sharp Angles
- Accurate to Within  $\pm 1\%$  of Full Scale
- Attractive, Uncluttered Scales
- High-Shock Design Meets MIL-M-16034A and MIL-S-901 (AB-14)
- Weathertight Construction Ideal for Adverse Conditions (AB-40)
- Easy to Read Up to 30 Feet Away (AB-16)
- Taut-Band Suspension



AB-16 ▲



AB-40 ▲



AB-14 ▲

Photos not to scale

### OPTIONS

- Custom Scaling
- Nonstandard Ranges
- Color Bands
- Illumination

### SPECIFICATIONS

In accordance with ANSI Specifications C39.1			
Accuracy	$\pm 1\%$ of FS basic accuracy class		
Rectifier Instruments	$\pm 1\frac{1}{2}\%$ @ 25°C calibrated on sine wave		
Operating Temperature Range	0–40°C (32°F–104°F)		
Dielectric Level	2,300 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 (except AB-16)		
Position of Use	Vertical (scale)		
Full Scale Deflection Angle	250°		
Case Size	4 $\frac{1}{4}$ "	4 $\frac{1}{2}$ "	8 $\frac{3}{4}$ "
Model	AB-14	AB-40	AB-16
Size (H x W x D)	4.33" x 4.33" x 4.85"		8.69" x 8.69" x 4.85"
Barrel (cutout)	4.03"		
Full Scale Length	6.9"		13.8"

### ORDERING INFORMATION

Self-Contained, 40/70 Hz				
Rating (amperes)	Scale (amperes)	AB-14 Cat. No.	AB-40 Cat. No.	AB-16 Cat. No.
1	0-1	101 133 LALA	103 131 LALA	121 131 LALA
1.5	0-1.5	101 133 LCLC	103 131 LCLC	121 131 LCLC
2	0-2	101 133 LELE	103 131 LELE	121 131 LELE
3	0-3	101 133 LJLJ	103 131 LJLJ	121 131 LJLJ
5	0-5	101 133 LLSL	103 131 LLSL	121 131 LLSL
7.5	0-7.5	101 133 MFMF	103 131 MFMF	121 131 MFMF
10	0-10	101 133 MTMT	103 131 MTMT	121 131 MTMT
15	0-15	101 133 NDND	103 131 NDND	121 131 NDND
20	0-20	101 133 NGNG	103 131 NGNG	121 131 NGNG
30	0-30	101 133 NLNL	103 131 NLNL	121 131 NLNL
Transformer-Rated, 40/70 Hz				
5	0-10	101 133 LSMT	103 131 LSMT	121 131 LSMT
5	0-15	101 133 LSND	103 131 LSND	121 131 LSND
5	0-20	101 133 LSNJ	103 131 LSNJ	121 131 LSNJ
5	0-25	101 133 LSNJ	103 131 LSNJ	121 131 LSNJ
5	0-30	101 133 LSNL	103 131 LSNL	121 131 LSNL
5	0-40	101 133 LSNP	103 131 LSNP	121 131 LSNP
5	0-50	101 133 LSNT	103 131 LSNT	121 131 LSNT
5	0-75	101 133 LSPB	103 131 LSPB	121 131 LSPB
5	0-100	101 133 LSPK	103 131 LSPK	121 131 LSPK
5	0-150	101 133 LSPZ	103 131 LSPZ	121 131 LSPZ
5	0-200	101 133 LSRL	103 131 LSRL	121 131 LSRL
5	0-250	101 133 LSRS	103 131 LSRS	121 131 LSRS
5	0-300	101 133 LSRX	103 131 LSRX	121 131 LSRX
5	0-400	101 133 LSSC	103 131 LSSC	121 131 LSSC
5	0-500	101 133 LSSF	103 131 LSSF	121 131 LSSF
5	0-600	101 133 LSSJ	103 131 LSSJ	121 131 LSSJ
5	0-800	101 133 LSSN	103 131 LSSN	121 131 LSSN
5	0-1000	101 133 LSSS	103 131 LSSS	121 131 LSSS
5	0-1200	101 133 LSSV	103 131 LSSV	121 131 LSSV
5	0-1500	101 133 LSTC	103 131 LSTC	121 131 LSTC
5	0-2000	101 133 LSTM	103 131 LSTM	121 131 LSTM
5	0-2500	101 133 LSTV	103 131 LSTV	121 131 LSTV
5	0-3000	101 133 LSUA	103 131 LSUA	121 131 LSUA
5	0-4000	101 133 LSUE	103 131 LSUE	121 131 LSUE
5	0-5000	101 133 LSUJ	103 131 LSUJ	121 131 LSUJ
5	0-6000	101 133 LSUP	103 131 LSUP	121 131 LSUP
5	0-7000	101 133 LSUS	103 131 LSUS	121 131 LSUS
5	0-8000	101 133 LSUW	103 131 LSUW	121 131 LSUW