

# AC Voltage Switchboard Meters Yokogawa AB40 Replacements

## MCS Series

- Rectifier Type
- Readable Even from Sharp Angles
- Accurate to Within  $\pm 1\%$  of Full Scale
- Metal Case
- Self-Contained, Expanded Scale, Transformer-Rated & Ground Detector Voltmeters
- UL Recognition (optional)


**MCS** ▲

### ORDERING INFORMATION

#### Self-Contained, 50/60 Hz

Rating (volts)	Scale Volts	Cat. No.
150	0-150	103 021 PZPZ
250	0-250	103 021 RSRS
300	0-300	103 021 RXRX
500	0-500	103 021 SFSF
600	0-600	103 021 SJSJ
750	0-750	103 021 SMSM

#### Transformer-Rated, 50/60 Hz

150	0-300	103 021 PZRZ
150	0-600	103 021 PZSJ
150	0-750	103 021 PZSM
150	0-3000	103 021 PZUA
150	0-5250	103 021 PZUL
150	0-9000	103 021 PZUY
150	0-15kV	103 021 PZWZ
150	0-18kV	103 021 PZXE
150	0-45kV	103 021 PZXU
150	0-150kV	103 021 PZYR
250	0-600	103 021 RSS

#### Expanded Scale Self-Contained, 50/60 Hz

110-130	110-130	103 071 PNPV
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#### Expanded Scale Transformer-Rated, 50/60 Hz

110-130	+	103 071 PN..+
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#### Ground-Detector Type-Single-Phase 50/60 Hz

150	0-150	103 021 PZPZ
150	+	103 021 PZ..+
300	0-300	103 021 RXRX
600	0-600	103 021 SJSJ

+ Order by Description. Specify P.T. (Potential Transformer) Ratio if Used, and Scale Desired.

### SPECIFICATIONS

#### In accordance with ANSI Specifications C39.1

Accuracy	$\pm 1\%$ of FS basic accuracy class
Burden	<0.8 VA @ 150V
Operating Temperature Range	0-40°C (32°F-104°F)
Dielectric Level	2,300VAC for 1 minute between circuit & case
Overload Rating	1.2x continuous
Response Time	3 seconds maximum
Position of Use	Vertical (scale)
Full Scale Deflection Angle	250°
Case	Drawn steel with black power coat
Mounting Studs	1/4"x28 thread / 10-32 thread
Size (H x W x Depth)	4.33" x 4.33" x 3.25"
Barrel (cutout)	4.03"
Full Scale Length	6.9"

### OPTIONS

Custom Scaling
Nonstandard Ranges
Color Bands
White Zero Corrector (black is standard)
UL Recognition