

Simpson Analog Meter Relays

- Commercially Sealed Moisture and Dust Proof
- Single and Dual Set Points
- Calibration not Affected by Steel Panel Mounting
- Rugged Metal Case for Rigorous Environments
- Wide Variety of Control, Alarm and Limit Use
- Relays Can Be Set for Manual or Automatic Reset

Rugged Seal

The 33 Series instruments offer a wide variety of applications in control, alarm and limit use. Photo conductor sensing eliminates all interference with the indicating meter. These relays incorporate an amplifier input which drives a rugged high torque pivot and jewel or taut-band meter.

Metal cased construction withstands rigorous environmental conditions. The metal cover with a drawn steel rear case gives complete magnetic isolations. In addition, each meter is moisture, dust, and dirt proof and recommended for use in wash down areas.



▲ 33 Series

ANALOG METERS

SPECIFICATIONS

Calibration Accuracy:	±2% of Full Scale (except ±3% for ACA)
Control Point(s) Adjustment:	Single: 0-100% of arc Double, Low limit 0-95% of arc. High limit 5-100% of arc. Adjustable within 4° of each other
Switching:	Within 1% of indication
Differential:	"ON", "Off" difference is within 0.5% of FS
Frequency Response:	50-1000 Hz
Relay Contacts:	5 amps, 115 VAC
Operation Temperature:	5° to 55°C
Overload (1 second)	10 Times Full Scale Rating
Overload (Continuous)	1.5 Times Full Scale Rating
Power:	108-132 VAC, 50-400 Hz

SPECIFICATIONS

Range	Scale	Model 3323 3½" SSP Cat. #	Model 3323 3½" DSP Cat. #	Model 3324 4½" SSP Cat. #	Model 3324 4½" DSP Cat. #
DC Millivoltmeters					
0-50	0-50	21663	21623	21670	21630
DC Volts					
0-1	0-1	21664	21624	21671	21631
0-50	0-50	21665	21625	21672	21632
DC Milliammeters					
0-1	0-1	21661	21621	21668	21628
AC Voltmeters					
0-10	0-10	21675	21635	21679	21639
0-150	0-150	21676	21636	21680	21640
0-300	0-300	21681	21641	21682	21642
AC Ammeters					
0-5	0-5	21673	21633	21677	21637