













ELECTRICAL MEASUREMENT SOLUTIONS

For Reliable Current and Voltage Measurements with High Isolation Requirements

PRODUCTS	 P27000	 P29000	 P41000	 P42000	 P51000	 P52000
DC Voltage Measurement/ Isolation Range	0 - 200 VDC Measurement 1000 VAC/DC Isolation	0 - 1000 VDC Measurement 1000 VAC/DC Isolation	3600 VAC/DC Isolation	0 - 3600 VAC/DC Measurement 3600 VAC/DC Isolation	4800 VAC/DC Isolation	0 - 4800 VDC Measurement 4800 VAC/DC Isolation
Current Measurement Range	Up to 20 kA with shunt voltage measurement (mV)	Up to 20 kA with shunt voltage measurement (mV)	Up to 20 kA with shunt voltage measurement (mV)	Up to 20 kA with shunt voltage measurement (mV)	Up to 20 kA with shunt voltage measurement (mV)	Up to 20 kA with shunt voltage measurement (mV)
AC Ranges Available			Yes AC to DC conversion with TRMS output	Yes AC to DC conversion with TRMS output		
Input	0... 20 mV/ 200 V 0... 0.1mA/ 100 mA unipolar/ bipolar	0... 30 mV/ 1000 V unipolar/ bipolar	0... 50 mV/ 100 V unipolar/ bipolar	0... 100 mV/ 3600 V unipolar/ bipolar	0... 30 mV/ 125 V unipolar/ bipolar	0... 100 V/ 4800 V unipolar/ bipolar
Output	0/4... 20 mA 0... 10 V 1... 5 V unipolar/ bipolar	0/4... 20 mA 0... 10 V 4... 20 mA passive unipolar/ bipolar	0/4... 20 mA 0... 10 V unipolar/ bipolar	0/4... 20 mA 0... 10 V unipolar/ bipolar	0/4... 20 mA 0... 10 V 0... 5 V unipolar/ bipolar	0/4... 20 mA 0... 10 V 0... 5 V unipolar/ bipolar
Special Features	<ul style="list-style-type: none"> • 480 Calibrated Ranges • Measurement error < 0.08% • 10 kHz Cutoff Frequency • 20-253 V AC/DC Power Supply 	<ul style="list-style-type: none"> • Calibrated Range Selection via Dip Switches • Measurement error < 0.20% • Test Jacks for Measuring Output Without Wire Disconnect • 20-253 V AC/DC Power Supply 	<ul style="list-style-type: none"> • Switchable & Fixed Units Available • Measurement error < 0.10% • High Immunity to Transient Common-Mode Interference • 20-253 V AC/DC Power Supply 	<ul style="list-style-type: none"> • Switchable & Fixed Units Available • Measurement error < 0.30% • High Measurement Accuracy Without Long-Term Drift • 20-253 V AC/DC Power Supply 	<ul style="list-style-type: none"> • Switchable & Fixed Units Available • Measurement error < 0.10% • Diagnostic Outputs for Wiring & Device Health • 20-253 V AC/DC Power Supply 	<ul style="list-style-type: none"> • Switchable & Fixed Units Available • Measurement error < 0.10% • Diagnostic Outputs for Wiring & Device Health • 20-253 V AC/DC Power Supply
Certifications & Approvals						

Contact Us for further information as to how these High Voltage Measurement Solutions might bring value to your challenging applications

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