

Clamp Meter selection chart

Job functions		Applications
**	Electrical Contractor	Working on panels and branch circuits • Measure loads on a branch circuit at a panel (including feeder cables, branch circuits, and neutrals) and the continuity of switches, fuses, and
(1.1)	Facility Maintenance	contacts • Measure load side voltage of a breaker or fuse • Check if a circuit is live before beginning work
	Commercial Electrician	
	Commercial Electrical Contractor	Verify circuit integrity and operation Measure load current, ac voltage and continuity of switches, fuses, and contacts
	Industrial Electrical Contractor	Feeder Cables • Check balance and loading of feeder cables
CO	Plant Maintenance	
	Electrical Contractor	Working with motors and drives Measure motor start-up and run current Measure the output of variable speed motors and drives
	Commercal Electrician	In and around the service panel Clamp around busbar or conductors to measure loads and line frequency in circuits and feeders
SIL	Plant Maintenance	Measure ac or dc current Measure ac or dc for use in battery-operated systems like UPS or other dc systems
	Industrial Electrician	
1	Industrial Service Electrician	Service panel, service entrance, and low voltage vaults • In the service panel, clamp around each individual phase. (Good for large single or parallel conductors)
Salina Allen A	Electrical Contractor	In the service entrance, clamp around busbars, up to 2.5 in, to verify expected current usage Measure current in conductors of low-voltage vaults (1000 V or less)
	Electric Utility Technician	Working with large loads • Verify operation of large load service panels, switchgears, large current DC systems, and motors
NAT IN	Marine or Welding Electrician	
學經門建	Facility Maintenance Electrician	
	HVAC/R Service Technician	Checking boilers and furnaces Capture flue gas temperatures and perform flame rod testing HVAC Motors and drives Measure start and run motor capacitors Troubleshoot compressor electrical motor faults Measure performance of variable frequency drives Testing electrical performance Measure load-side and supply-side current and voltage Measure current and voltage phase balance on 3 phase systems

Speciality clamp meters

Open Jaw ac current measurement to 100 A

· AC and DC voltage

Key features

- T5-600: CAT III 600 V ac/dc
- T5-1000: CAT III 1000 V ac/dc, CAT IV 600 V ac/dc
- · Continuity, resistance
- · Rugged and easy to use

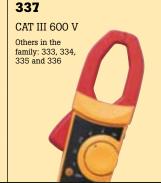
T5-1000 CAT III 1000 V Others in the family: T5-600

Recommended Clamp

- Measure up to 400 A ac
- 0.01 A resolution in the 40 A range for more precise measurments
- Compact form factor to make measurments easily in tight cable compartments
- · Measure ac and dc voltage to 600 V
- · Resistance, continuity, and display hold functions



- Inrush current mode for repeatable measurement of motor or equipment start-up current
- Narrow, elongated jaw with large opening easily singles out the conductor of interest
- True-rms to more accurately measure the actual current, even with distorted wave-forms caused by noisy loads
- Includes large backlit display, frequency, ac and dc voltage, resistance, continuity, and min/max



- Up to 2000 A dc, 1400 A ac current measurement
- Large jaw suitable for single or multiple large conductors
- Cat IV 600 V rated for maximum application versatility
- Inputs for 600 V ac, 1000 V dc, 400 $K\Omega$ resistance, and continuity
- · Low pass filter, min/max/avg, and inrush current
- Accurately measure frequency of current and voltage up to 1 kHz

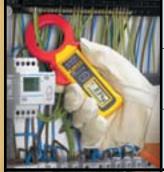
355 CAT IV 600 V, CAT III 1000 V Others in the family: 353

- Measure current up to 600 A ac and up to 200 μA dc
- Measure true-rms voltage, capacitance, resistance, and continuity
- Measure contact temperature with included Type-K temperature probe. (Or measure the outside temperature of a pipe with the 80PK-8 Pipe Clamp Temperature Probe (sold separately))





Job functions



Facility Maintenance Electrician

Hospital Electrician

Electrical Contractor



Industrial/Commercial Maintenance Electrician

Utility Technician

Electrical Contractor/ Consultant

Process Technician/ Electrician

Automation Specialist/ Commercial Electrician

Electrical and Field Service Technician

HVAC/R Technician

Electrical Engineer

Commercial Electrician

Facility Maintenance Electrician

Electric Utility Engineer



Applications	Key features	Recommended Clamp
Measuring leakage current Check insulation condition and leakage of circuits and systems Check for leakage in circuits and systems utilizing filters Testing insulation on live circuits Evaluate insulation condition on live circuits via leakage current measurements where disconnection is highly inconvenient	 Measurement of leakage current with 3 mA range and 1 µA of resolution, for accurate monitoring of insulation erosion Broad range of measurement, from 1 µA up to 60 A, for all installation needs Advanced shielding to ensure accurate results when measuring near other conductors Easy-to-carry, pocket-sized leakage current tester with wide 40 mm (1.5 in) jaw size 	360* CAT III 300 V
Grounding and bonding resistance testing • Perform ground loop tests in areas where other ground resistance test techniques are not available • Test parts of a multi-grounded system • Periodically perform quick tests on system grounds as part of a regular preventative maintenance program	 Measure from 0.025 Ω to 1500 Ω ground loop resistance. Large jaw for clamping around the widest range of ground conductors or grounding bars Measure ground leakage and ac load currents from 0.2 mA all the way up to 30 A User defined alarm limits for rapid pass/fail type measurments 	1630 CAT III 300 V
Measuring process control signals Measures 4–20 mA signals without breaking the loop Check correct operation of PLCs and control systems analog I/O	Saves time and money by easily measuring 4-20 mA signals Detatchable miniature clamp for tight locations Also measure older 10 to 50 mA signal systems with the 100 mA range Backlit display, spotlight, display hold, and zero reading buttons	771 CAT II 300 V
Measuring non-linear loads Setup and troubleshoot variable frequency drives and UPS systems—Verify correct operation by measuring key power quality parameters Harmonic measurements Uncover harmonic issues that can damage or disrupt critical equipment Troubleshooting start-up current issues Check start-up current where spurious resets or nuisance circuit breaker tripping occurs Load studies Verify electrical system capacity before adding loads	 AC/DC current: Clamp-on measurement of current up to 1400 A ac rms and 2000 A dc Highest safety rating: CAT IV 600 V rated for use at the service entrance Accurate in noisy environments: Using low-pass filter, the clamp meter performs even with distorted waveforms Data logging: Identify intermittent faults by logging any power quality parameter for minutes, or over a month Troubleshoot harmonics: Analyze and log harmonics digitally or graphically Inrush current: Capture and analyze nuisance tripping, from 3 seconds to 300 seconds 	345 CAT IV 600 V, CAT III 1000 V

*Not available for sale in Canada

Need more help choosing a clamp meter to fit your needs? Go interactive! Visit **www.fluke.com/clamps** and use our on-line selection guide to find the right clamp solution for you!

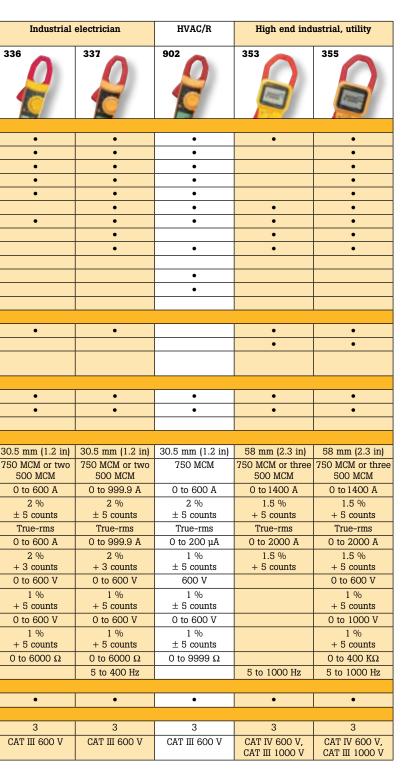
Clamp meters designed for the way you work.

		l/industrial rician		commercial		General purpose	
	T5-600	T5-1000	321	322	333	334	335
Measurements							
AC current	•	•	•	•	•	•	•
AC volts	•	•	•	•	•	•	•
Resistance	•	•	•	•	•	•	•
Continuity	•	•	•	•	•	•	•
DC Volts	•	•		•	•	•	•
DC current							
True-rms							•
Frequency							
Min/Max/Avg							
4-20 mA (0.01 mA resolution)							
Temperature							
Capacitance							
Earth ground loop resistance							
Special features							
Inrush current mode						•	•
Low Pass filter							
Harmonics, power,							
and data logging							
Display							
Display hold	•	•	•	•	•	•	•
Backlight							•
· · · · · · · · · · · · · · · · · · ·							•
Backlight							•
Backlight Graphing display	12.9 mm (0.5 in)	12.9 mm (0.5 in)	25.4 mm (1.0 in)	25.4 mm (1.0 in)	30.5 mm (1.2 in)	30.5 mm (1.2 in)	30.5 mm (1.2 in)
Backlight Graphing display Specifications	12.9 mm (0.5 in) 1/0 THHN Cable	12.9 mm (0.5 in) 1/0 THHN Cable	25.4 mm (1.0 in) 500 MCM	25.4 mm (1.0 in) 500 MCM	30.5 mm (1.2 in) 750 MCM	30.5 mm (1.2 in) 750 MCM	
Backlight Graphing display Specifications Jaw opening	· · ·	· · ·	` '	` '	` '	` '	30.5 mm (1.2 in) 750 MCM
Backlight Graphing display Specifications Jaw opening Max wire size	1/0 THHN Cable	1/0 THHN Cable	500 MCM	500 MCM	750 MCM	750 MCM	30.5 mm (1.2 in) 750 MCM
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms Accuracy ac current (50/60 Hz)	1/0 THHN Cable O to 100 A	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts	500 MCM 0 to 400 A 1.8 % ± 5 counts	500 MCM 0 to 400 A	750 MCM 0 to 400 A	750 MCM 0 to 600 A	30.5 mm (1.2 in) 750 MCM 0 to 600 A 2 % ± 5 counts
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms Accuracy ac current (50/60 Hz) AC Response	1/0 THHN Cable 0 to 100 A 3 %	1/0 THHN Cable 0 to 100 A 3 %	500 MCM 0 to 400 A 1.8 %	500 MCM 0 to 400 A 1.8 %	750 MCM 0 to 400 A 2 %	750 MCM 0 to 600 A 2 %	30.5 mm (1.2 in) 750 MCM 0 to 600 A 2 %
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms Accuracy ac current (50/60 Hz)	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts	500 MCM 0 to 400 A 1.8 % ± 5 counts	500 MCM 0 to 400 A 1.8 % ± 5 counts	750 MCM 0 to 400 A 2 % ± 5 counts	750 MCM 0 to 600 A 2 % ± 5 counts	30.5 mm (1.2 in) 750 MCM 0 to 600 A 2 % ± 5 counts
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms Accuracy ac current (50/60 Hz) AC Response	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts	500 MCM 0 to 400 A 1.8 % ± 5 counts	500 MCM 0 to 400 A 1.8 % ± 5 counts	750 MCM 0 to 400 A 2 % ± 5 counts	750 MCM 0 to 600 A 2 % ± 5 counts	30.5 mm (1.2 in) 750 MCM 0 to 600 A 2 % ± 5 counts
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms Accuracy ac current (50/60 Hz) AC Response Current range dc	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts	500 MCM 0 to 400 A 1.8 % ± 5 counts	500 MCM 0 to 400 A 1.8 % ± 5 counts	750 MCM 0 to 400 A 2 % ± 5 counts	750 MCM 0 to 600 A 2 % ± 5 counts	30.5 mm (1.2 in) 750 MCM 0 to 600 A 2 % ± 5 counts
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms Accuracy ac current (50/60 Hz) AC Response Current range dc Accuracy dc current	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts Averaging	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts Averaging	500 MCM 0 to 400 A 1.8 % ± 5 counts Averaging	500 MCM 0 to 400 A 1.8 % ± 5 counts Averaging	750 MCM 0 to 400 A 2 % ± 5 counts Averaging	750 MCM 0 to 600 A 2 % ± 5 counts Averaging	30.5 mm (1.2 in) 750 MCM 0 to 600 A 2 % ± 5 counts True-rms
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms Accuracy ac current (50/60 Hz) AC Response Current range dc Accuracy dc current Voltage range ac	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts Averaging 0 to 600 V 1.5 %	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts Averaging 0 to 1000 V 1.5 %	500 MCM 0 to 400 A 1.8 % ± 5 counts Averaging 0 to 600 V 1.2 %	500 MCM 0 to 400 A 1.8 % ± 5 counts Averaging 0 to 600 V 1.2 %	750 MCM 0 to 400 A 2 % ± 5 counts Averaging 0 to 600 V 1 %	750 MCM 0 to 600 A 2 % ± 5 counts Averaging 0 to 600 V 1 %	30.5 mm (1.2 in) 750 MCM 0 to 600 A 2 % ± 5 counts True-rms 0 to 600 V 1 %
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms Accuracy ac current (50/60 Hz) AC Response Current range dc Accuracy dc current Voltage range ac Accuracy ac voltage	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts Averaging 0 to 600 V 1.5 % ± 2 counts	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts Averaging 0 to 1000 V 1.5 % ± 2 counts	500 MCM 0 to 400 A 1.8 % ± 5 counts Averaging 0 to 600 V 1.2 %	500 MCM 0 to 400 A 1.8 % ± 5 counts Averaging 0 to 600 V 1.2 % + 5 counts	750 MCM 0 to 400 A 2 % ± 5 counts Averaging 0 to 600 V 1 % + 5 counts	750 MCM 0 to 600 A 2 % ± 5 counts Averaging 0 to 600 V 1 % + 5 counts	30.5 mm (1.2 in) 750 MCM 0 to 600 A 2 % ± 5 counts True-rms 0 to 600 V 1 % + 5 counts
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms Accuracy ac current (50/60 Hz) AC Response Current range dc Accuracy dc current Voltage range ac Accuracy ac voltage	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts Averaging 0 to 600 V 1.5 % ± 2 counts 0 to 600 V 1 %	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts Averaging 0 to 1000 V 1.5 % ± 2 counts 0 to 1000 V 1 %	500 MCM 0 to 400 A 1.8 % ± 5 counts Averaging 0 to 600 V 1.2 %	500 MCM 0 to 400 A 1.8 % ± 5 counts Averaging 0 to 600 V 1.2 % + 5 counts 0 to 600 V 1 %	750 MCM 0 to 400 A 2 % ± 5 counts Averaging 0 to 600 V 1 % + 5 counts 0 to 600 V 1 %	750 MCM 0 to 600 A 2 % ± 5 counts Averaging 0 to 600 V 1 % + 5 counts 0 to 600 V 1 %	30.5 mm (1.2 in) 750 MCM 0 to 600 A 2 % ± 5 counts True-rms 0 to 600 V 1 % + 5 counts 0 to 600 V 1 %
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms Accuracy ac current (50/60 Hz) AC Response Current range dc Accuracy dc current Voltage range ac Accuracy ac voltage Voltage range dc Accuracy dc voltage	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts Averaging 0 to 600 V 1.5 % ± 2 counts 0 to 600 V 1 % ± 1 count	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts Averaging 0 to 1000 V 1.5 % ± 2 counts 0 to 1000 V 1 % ± 1 count	500 MCM 0 to 400 A 1.8 % ± 5 counts Averaging 0 to 600 V 1.2 % + 5 counts	500 MCM 0 to 400 A 1.8 % ± 5 counts Averaging 0 to 600 V 1.2 % + 5 counts 0 to 600 V 1 % + 5 counts	750 MCM 0 to 400 A 2 % ± 5 counts Averaging 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % + 5 counts	750 MCM 0 to 600 A 2 % ± 5 counts Averaging 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % + 5 counts	30.5 mm (1.2 in) 750 MCM 0 to 600 A 2 % ± 5 counts True-rms 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % + 5 counts
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms Accuracy ac current (50/60 Hz) AC Response Current range dc Accuracy dc current Voltage range ac Accuracy ac voltage Voltage range dc Accuracy dc voltage Resistance range	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts Averaging 0 to 600 V 1.5 % ± 2 counts 0 to 600 V 1 % ± 1 count	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts Averaging 0 to 1000 V 1.5 % ± 2 counts 0 to 1000 V 1 % ± 1 count	500 MCM 0 to 400 A 1.8 % ± 5 counts Averaging 0 to 600 V 1.2 % + 5 counts	500 MCM 0 to 400 A 1.8 % ± 5 counts Averaging 0 to 600 V 1.2 % + 5 counts 0 to 600 V 1 % + 5 counts	750 MCM 0 to 400 A 2 % ± 5 counts Averaging 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % + 5 counts	750 MCM 0 to 600 A 2 % ± 5 counts Averaging 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % + 5 counts	30.5 mm (1.2 in) 750 MCM 0 to 600 A 2 % ± 5 counts True-rms 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % + 5 counts
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms Accuracy ac current (50/60 Hz) AC Response Current range dc Accuracy dc current Voltage range ac Accuracy ac voltage Voltage range dc Accuracy dc voltage Resistance range Frequency measurement range	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts Averaging 0 to 600 V 1.5 % ± 2 counts 0 to 600 V 1 % ± 1 count	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts Averaging 0 to 1000 V 1.5 % ± 2 counts 0 to 1000 V 1 % ± 1 count	500 MCM 0 to 400 A 1.8 % ± 5 counts Averaging 0 to 600 V 1.2 % + 5 counts	500 MCM 0 to 400 A 1.8 % ± 5 counts Averaging 0 to 600 V 1.2 % + 5 counts 0 to 600 V 1 % + 5 counts	750 MCM 0 to 400 A 2 % ± 5 counts Averaging 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % + 5 counts	750 MCM 0 to 600 A 2 % ± 5 counts Averaging 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % + 5 counts	30.5 mm (1.2 in) 750 MCM 0 to 600 A 2 % ± 5 counts True-rms 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % + 5 counts
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms Accuracy ac current (50/60 Hz) AC Response Current range dc Accuracy dc current Voltage range ac Accuracy ac voltage Voltage range dc Accuracy dc voltage Resistance range Frequency measurement range Unit power Auto off	$\begin{array}{c} 1/0 \text{ THHN Cable} \\ \hline 0 \text{ to } 100 \text{ A} \\ \hline 3 \% \\ \pm 3 \text{ counts} \\ \hline \text{Averaging} \\ \hline \\ \hline 0 \text{ to } 600 \text{ V} \\ \hline 1.5 \% \\ \pm 2 \text{ counts} \\ \hline 0 \text{ to } 600 \text{ V} \\ \hline 1 \% \\ \pm 1 \text{ count} \\ \hline \end{array}$	$\begin{array}{c} 1/0 \text{ THHN Cable} \\ \hline 0 \text{ to 100 A} \\ \hline 3 \% \\ \pm 3 \text{ counts} \\ \hline \text{Averaging} \\ \hline \\ \hline 0 \text{ to 1000 V} \\ \hline 1.5 \% \\ \pm 2 \text{ counts} \\ \hline 0 \text{ to 1000 V} \\ \hline 1 \% \\ \pm 1 \text{ count} \\ \hline \\ 0 \text{ to 1000 } \Omega \\ \hline \end{array}$	500 MCM 0 to 400 A 1.8 % ± 5 counts Averaging 0 to 600 V 1.2 % + 5 counts 0 to 400 Ω	500 MCM 0 to 400 Å 1.8 % ± 5 counts Averaging 0 to 600 V 1.2 % + 5 counts 0 to 600 V 1 % + 5 counts 0 to 400 Ω	750 MCM 0 to 400 A 2 % ± 5 counts Averaging 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % + 5 counts 0 to 600 O 1 % 0 to 600 O 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1 %	750 MCM 0 to 600 A 2 % ± 5 counts Averaging 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % + 5 counts 0 to 600 O 1 % 0 to 600 O 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1 %	30.5 mm (1.2 in) 750 MCM 0 to 600 A 2 % ± 5 counts True-rms 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % 0 to 600 V
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms Accuracy ac current (50/60 Hz) AC Response Current range dc Accuracy dc current Voltage range ac Accuracy ac voltage Voltage range dc Accuracy dc voltage Resistance range Frequency measurement range Unit power Auto off Warranty and safety	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts Averaging 0 to 600 V 1.5 % ± 2 counts 0 to 600 V 1 % ± 1 count 0 to 1000 Ω	$\begin{array}{c} 1/0 \text{ THHN Cable} \\ \hline 0 \text{ to 100 A} \\ \hline 3 \% \\ \pm 3 \text{ counts} \\ \hline \text{Averaging} \\ \hline \\ \hline 0 \text{ to 1000 V} \\ \hline 1.5 \% \\ \pm 2 \text{ counts} \\ \hline 0 \text{ to 1000 V} \\ \hline 1 \% \\ \pm 1 \text{ count} \\ \hline \\ 0 \text{ to 1000 } \Omega \\ \hline \end{array}$	500 MCM 0 to 400 A 1.8 % ± 5 counts Averaging 0 to 600 V 1.2 % + 5 counts 0 to 400 Ω	500 MCM 0 to 400 Å 1.8 % ± 5 counts Averaging 0 to 600 V 1.2 % + 5 counts 0 to 600 V 1 % + 5 counts 0 to 400 Ω	750 MCM 0 to 400 A 2 % ± 5 counts Averaging 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % + 5 counts 0 to 600 O 1 % 0 to 600 O 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1 %	750 MCM 0 to 600 A 2 % ± 5 counts Averaging 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % + 5 counts 0 to 600 O 1 % - 5 counts	30.5 mm (1.2 in) 750 MCM 0 to 600 A 2 % ± 5 counts True-rms 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % + 5 counts 0 to 600 V
Backlight Graphing display Specifications Jaw opening Max wire size Current range ac rms Accuracy ac current (50/60 Hz) AC Response Current range dc Accuracy dc current Voltage range ac Accuracy ac voltage Voltage range dc Accuracy dc voltage Resistance range Frequency measurement range Unit power Auto off	$\begin{array}{c} 1/0 \text{ THHN Cable} \\ \hline 0 \text{ to } 100 \text{ A} \\ \hline 3 \% \\ \pm 3 \text{ counts} \\ \hline \text{Averaging} \\ \hline \\ \hline 0 \text{ to } 600 \text{ V} \\ \hline 1.5 \% \\ \pm 2 \text{ counts} \\ \hline 0 \text{ to } 600 \text{ V} \\ \hline 1 \% \\ \pm 1 \text{ count} \\ \hline \end{array}$	1/0 THHN Cable 0 to 100 A 3 % ± 3 counts Averaging 0 to 1000 V 1.5 % ± 2 counts 0 to 1000 V 1 % ± 1 count 0 to 1000 Ω	500 MCM 0 to 400 A 1.8 % ± 5 counts Averaging 0 to 600 V 1.2 % + 5 counts 0 to 400 Ω	500 MCM 0 to 400 Å 1.8 % ± 5 counts Averaging 0 to 600 V 1.2 % + 5 counts 0 to 600 V 1 % + 5 counts 0 to 400 Ω	750 MCM 0 to 400 A 2 % ± 5 counts Averaging 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % + 5 counts 0 to 600 O 1 % - 5 counts	750 MCM 0 to 600 A 2 % ± 5 counts Averaging 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % + 5 counts 0 to 600 O 1 % 0 to 600 O 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1 %	30.5 mm (1.2 in) 750 MCM 0 to 600 A 2 % ± 5 counts True-rms 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % + 5 counts 0 to 600 V 1 % 0 to 600 V

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Leakage	Process	Earth ground	Power quality
360*	771	1630	345
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•	•		•
		35 mm (1.38 in)	58 mm (2.3 in) 750 MCM or three
40 mm (1.5 in) 1250 MCM	4.5mm (0.177 in)	35 mm (1.38 in) 1000 MCM	58 mm (2.3 in) 750 MCM or three 500 MCM
40 mm (1.5 in) 1250 MCM 0 to 60 A	4.5mm (0.177 in)	35 mm (1.38 in) 1000 MCM 0 to 35 A	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A
40 mm (1.5 in) 1250 MCM	4.5mm (0.177 in)	35 mm (1.38 in) 1000 MCM	58 mm (2.3 in) 750 MCM or three 500 MCM
40 mm (1.5 in) 1250 MCM 0 to 60 A 1 %	4.5mm (0.177 in)	35 mm (1.38 in) 1000 MCM 0 to 35 A 2 %	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A ± 3 % ± 5 counts True-rms
40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % + 5 counts	4.5mm (0.177 in) 6 AWG	35 mm (1.38 in) 1000 MCM 0 to 35 A 2 % ∓ 3 counts	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A ± 3 % ± 5 counts
40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % + 5 counts	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 %	35 mm (1.38 in) 1000 MCM 0 to 35 A 2 % ∓ 3 counts	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A ± 3 % ± 5 counts True-rms 0 to 2000 A ± 1.5 %
40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % + 5 counts	4.5mm (0.177 in) 6 AWG	35 mm (1.38 in) 1000 MCM 0 to 35 A 2 % ∓ 3 counts	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A ± 3 % ± 5 counts True-rms 0 to 2000 A ± 1.5 % ± 5 counts
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40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % + 5 counts	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 %	35 mm (1.38 in) 1000 MCM 0 to 35 A 2 % ∓ 3 counts	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A ± 3 % ± 5 counts True-rms 0 to 2000 A ± 1.5 % ± 5 counts 0 to 825 V ± 1 %
40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % + 5 counts	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 %	35 mm (1.38 in) 1000 MCM 0 to 35 A 2 % ∓ 3 counts	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A ± 3 % ± 5 counts True-rms 0 to 2000 A ± 1.5 % ± 5 counts 0 to 825 V
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40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % + 5 counts	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 %	35 mm (1.38 in) 1000 MCM 0 to 35 A 2 % ∓ 3 counts True-rms	58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A ± 3 % ± 5 counts True-rms 0 to 2000 A ± 1.5 % ± 5 counts 0 to 825 V ± 1 % ± 5 counts 0 to 825 V
40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % + 5 counts	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 %	35 mm (1.38 in) 1000 MCM 0 to 35 A 2 % ∓ 3 counts	• 58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A ± 3 % ± 5 counts True-rms 0 to 2000 A ± 1.5 % ± 5 counts 0 to 825 V ± 1 % ± 5 counts 0 to 825 V ± 1 % ± 5 counts
40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % + 5 counts	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 %	35 mm (1.38 in) 1000 MCM 0 to 35 A 2 % ∓ 3 counts True-rms	• 58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A ± 3 % ± 5 counts True-rms 0 to 2000 A ± 1.5 % ± 5 counts 0 to 825 V ± 1 % ± 5 counts 0 to 825 V ± 1 %
40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % + 5 counts Averaging	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 % + 5 counts	35 mm (1.38 in) 1000 MCM 0 to 35 A 2 % ∓ 3 counts True-rms 0 to 1500 Ω	• • • • • • • • • • • • • • • • • • •
40 mm (1.5 in) 1250 MCM 0 to 60 A 1 % + 5 counts	4.5mm (0.177 in) 6 AWG 0 to 99.9 mA 4-20 mA is 0.2 %	35 mm (1.38 in) 1000 MCM 0 to 35 A 2 % ∓ 3 counts True-rms	• 58 mm (2.3 in) 750 MCM or three 500 MCM 0 to 1400 A ± 3 % ± 5 counts True-rms 0 to 2000 A ± 1.5 % ± 5 counts 0 to 825 V ± 1 % ± 5 counts 0 to 825 V ± 1 % ± 5 counts
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