IDEAL TEST & MEASUREMENT

CATALOG

For over 90 years, IDEAL INDUSTRIES, INC. has been enhancing the productivity and safety of electrician's who test, measure, or troubleshoot electrical systems. In 2021 we released a new line of testers with the professional electrician in mind. See our new additions in this catalog.

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Scan this QR code with your smart-phone to learn more about the new line.

SURETRACE™
CIRCUIT TRACER

Your IDEAL troubleshooting solution. Designed **to find** everything, while saving you time and money.

Scan this QR code with your smart-phone to see a video and learn more about the testers.

KIT OPTIONS AND PARTS

KIT OPTIONS	**61-959** Receiver with Super-Bright OLED Rotating Display (90˚ increments) and inductive clamp and battery pack	**61-957** Receiver with Super-Bright OLED Rotating Display (90˚ increments)	**61-955** Receiver with Rotating Red LED Display (180˚ increments)
INDIVIDUAL COMPONENTS	**61-959**	**61-957**	**61-955**
RC-959 Receiver with Super-Bright OLED Display	✔	✔	—
RC-955 Receiver with Red LED Display	—	—	✔
TR-955 Transmitter Rated for Use on Circuits from 0 to 600V AC/DC	✔	✔	✔
IC-958 | BP-958 Inductive Clamp and Battery Pack For use on 0 to 120V circuits carrying less than 5 Amps.	✔	—	—
TL-956 Test Lead Set	✔	✔	✔
CR-959 Cradle for RC-959 and RC-955 Receivers	Sold Separately	Sold Separately	Sold Separately

CIRCUIT TRACER RECEIVERS FEATURES

RC-959

Super Bright OLED Display

Red LED Display

Exclusive Rotating Display
90˚ Increments (RC-959)
180˚ Increments (RC-955)

Four Levels of Sensitivity

Audible Indication

Low Battery Indicator

RC-955

c UL US LISTED CE CAT III 600V

Finds Opens

Finds Conductors in Walls, Ceilings and Floors

Finds Dead Shorts

0-600V AC or DC Lead Set included.

CIRCUIT TRACER TRANSMITTER FEATURES

CertainCircuit™
(TR-955)

TR-955

CertainCircuit™
After the correct breaker has been identified and tripped, the transmitter senses the loss of power and sends a different signal back to the receiver at the panel to give the user confidence that the right circuit has been de-energized.

Energized **De-energized**

Traces de-energized circuits

Inductive Clamp for when direct contact with alligator clips is not possible

c UL US LISTED CE CAT 600V

Inductive Clamp & Battery Pack
(For use on circuits carrying up to 120V AC w/less than 5 Amps)
IC-958 | BP-958

Cradle
(For use on RC-955 & RC-959 Receivers)
CR-959

Tracer Test Lead Set
TL-956 (includes the following)

1. 3 Ft. Lead Adapter for Transmitter (set of 2)
2. 25 ft. Lead Adapter for Transmitter
3. Alligator Clips (set of 2)
4. Blade Prongs
5. Prong for Lead Adapters
6. Outlet Plug Adapter for Transmitter

CIRCUIT BREAKER
FINDERS

Scan this QR code with your smart-phone to see a video and learn more about the testers.

FEATURES

GFCI Trip

Non-Contact Voltage Tester

LED Indicators

Audible Tone

Polarity & Live Circuit Indication

61-534

61-532

Live Circuit Indication

c UL US LISTED CAT II 300V

c UL US LISTED CAT II 300V

Lead Adapter Kit
Provides adapters for use in lighting fixtures.

TL-532A
Test Lead & Adapter Kit

CIRCUIT BREAKER FINDER SPECIFICATIONS

61-534
Transmitter
Triple Function - Signal Transmitter, Polarity Indicator & GFCI Receptacle Tester

61-534
Receiver
Dual Function - Non-Contact Voltage Tester & Breaker Finder

NEW

61-532
Transmitter

61-532
Receiver

CIRCUIT BREAKER FINDER SELECTION GUIDE		
TRANSMITTER FEATURES	**61-534**	**61-532**
CAT Rating (Safety)	CAT II 300V	CAT II 300V
Listing	UL 1436	UL 1436
Line Voltage	Line Powered (120V AC only)	Line Powered (120V AC only)
Supply Frequency	47-63Hz	47-63Hz
Weight	50g (approx.)	50g (approx.)
Pulse Amplitude	18A (approx.) @ 120V	18A (approx.) @ 120V
Pulse Rate	4mS every 17ms (@ 60Hz)	4mS every 17ms (@ 60Hz)
Power Consumption	200mW max. @ 120V AC	200mW max. @ 120V
Operating Temperature	32˚ - 122˚F (0 to 50˚C)	32˚ - 122˚F (0 to 50˚C)
GFCI	✔	—
Polarity Indication	✔	—
RECEIVER FEATURES		
Visual and Audible Indicators	✔	✔
Low Battery Indication	✔	✔
Auto Power Off (after 10 mins. of no activity)	✔	✔
Battery Type (included)	9V	9V
Weight	0.2 lbs. (w/o battery)	0.2 lbs. (w/o battery)
Warranty	2-Year*	2-Year*
ACCESSORIES		
Light Socket and 3-prong to 2-prong Adapters, Alligator Clips	**TL-532A**	**TL-532A**

Specifications are subject to change without notice.

*VISIT WWW.IDEALIND.COM FOR WARRANTY DETAILS.

SURETEST®
CIRCUIT ANALYZER

Scan this QR code with your smart-phone to see a video and learn more about the tester.

FEATURES

61-164
Circuit Analyzer

CAT III 300V c UL us LISTED

Displays Voltage Drop
at 12, 15 & 20 Amps

Displays Impedance
of hot, neutral & ground

Displays H N G
polarity

Detects and Displays
false or "bootleg"
ground

Displays
neutral to ground voltage

Trips GFCI
at 6mA or 30mA

True RMS
Line Voltage

Estimated Load
on Line in Amps

CIRCUIT ANALYZER SPECIFICATIONS

SURETEST® CIRCUIT ANALYZER SPECIFICATIONS			
	61-164		
	Description	Range & Resolution	Accuracy
TRANSMITTER FEATURES			
CAT Rating (Safety)	CAT III 300V	–	
Listing	cULus	–	
AC Voltage (Note: The 61-164 is protected to 265V AC but should be unplugged immediately if plugged into a mis-wired outlet. It is intended for use on 120V AC circuits only.) Do not press any buttons.	–	85.0 – 265.0 VAC (Unplug if 240V AC is displayed and correct wiring.)	1.0%
Frequency	–	45.0 – 65.0 Hz	1.0%
Impedance	–	0.00 - 3.00 Ω	5.0%
Neutral Ground Voltage	–	0.0 - 24.0V AC	2.0%
% Voltage Drop 12A, 15A, 20A Load Tests	–	0.1% - 50.0%	5.0%
GFCI mA Trip Level & Time to Trip in Milliseconds	–	6.0 - 9.0 mA 0.0 - 6500 mS	2.0%
Warranty	2-Year*	–	
ACCESSORIES	**Part No.**		
Ground Continuity Adapter (For checking grounding of cabinets, etc.)	**61-175**		
Isolated Ground Adapter (For determining whether receptacle has an isolated ground.)	**61-176**		
Alligator Clip Adapter (For connection to circuits other than outlets.)	**61-183**		
1' Extension Cord (included)	**61-182**		
Nylon Carrying Case (included)	**61-179**		

IMPORTANT: This circuit analyzer is intended for use by qualified electricians. Follow the NFPA 70E Standard for Electrical Safety in the Workplace when using this tester. Always consult the instruction manual provided with the tester for operational limitations and procedures associated with a specific tester.

Specifications are subject to change without notice.

61-183
Alligator Clip Adapter for 61-164 Circuit Analyzer

61-175
Ground Continuity Adapter for 61-164 Circuit Analyzer

61-176
Isolated Ground Adapter for 61-164 Circuit Analyzer

61-182
1' Extension Cord for 61-164 Circuit Analyzer

CLAMP/FORK METER VS. MULTIMETER

Safety - A fork meter allows you to measure AC or DC current (depending on the model) by positioning the fork around a conductor, which is much safer than making direct contact with a live circuit.

Productivity - During a measurement, it is not necessary to shut off the circuit carrying current, which improves productivity.

Limited to 200A AC/DC Measurement

No Fuse Protection required

Safety - A clamp meter allows you to measure AC or DC current (depending on the model) by positioning the clamp jaw around a conductor, which is much safer than making direct contact with a live circuit.

Productivity - During a measurement, it is not necessary to shut off the circuit carrying current, which improves productivity. This allows isolation of a conductor being tested in a bundle of conductors.

Limited to 2000A AC/DC Measurement (Hard Clamp)

No Fuse Protection required

Multimeters measure current differently than a fork or clamp meter. To measures current with a multimeter:

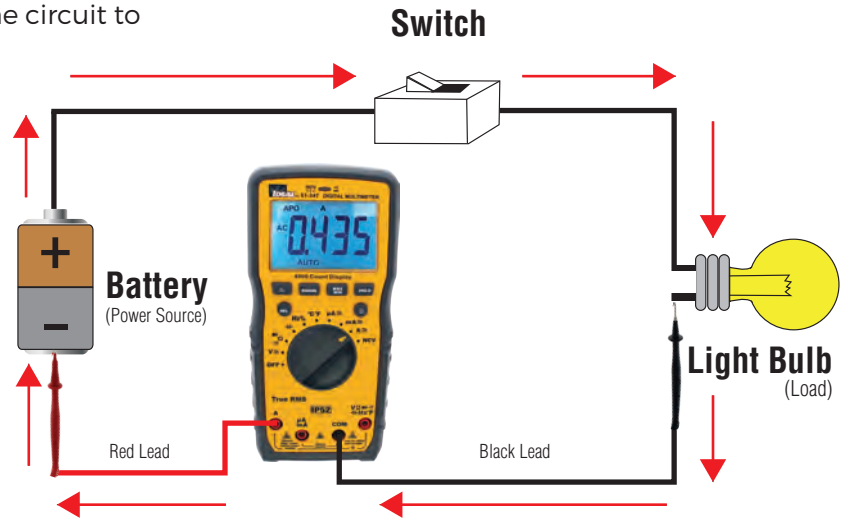
- You must insert the multimeter into the circuit to get the current to flow THROUGH the meter and are making direct contact with the live circuit.

To properly conduct a current measurement in accordance with Electrical Safety-related Work Practices (ESWP) you must:

- de-energize the circuit, disconnect the circuit, insert the meter into the circuit, re-energize the circuit to test current
- AND THEN... repeat the whole process again to "remove" the meter from the circuit after the test.

Limited to 10A AC/DC Measurement

Fuse Protection required (due to current pass-through)



TIGHTSIGHT®
CLAMP METERS

Scan this QR code with your smart-phone to see a video and learn more about the testers.

FEATURES

Non-Contact Voltage Tester
Screen displays
Electromagnetic Field (EF)

Flashlight

Built-In Probe Tip Holder

Universal Magnetic Strap Clip

Overmolded Industrial Grip
2M Drop (model specific)

Backlit Displays

61-757 | 61-747

CAT IV 600V | CAT III 1000V | c UL US LISTED

Patented TightSight® Backlit Display eliminates need to bend or twist conductors or place your head near or in the panel and allows you to easily read the bottom display when taking all measurements.

FORK METERS

FEATURES

Non-Contact Voltage Indication
Built in Clamp Tip

0.75 in. (19mm) Jaw Opening

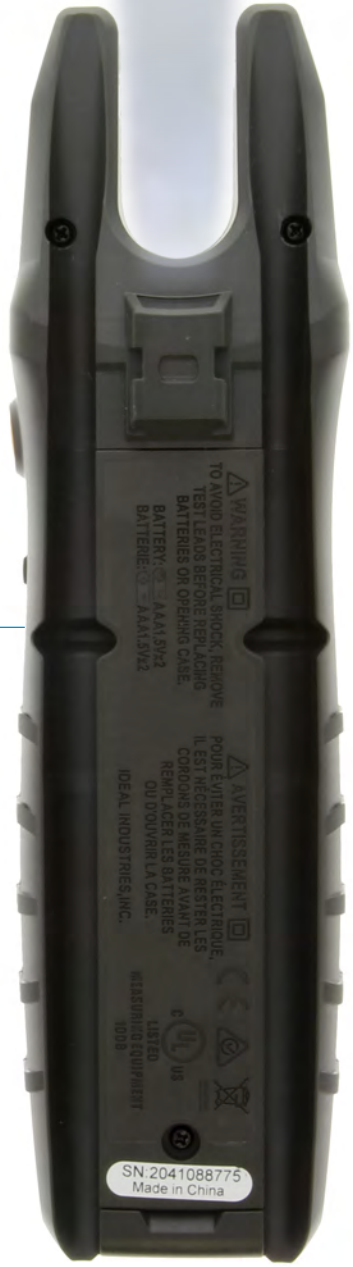
Flashlight/Backlight

Probe Storage & Lead Holders
(on back)

Delta
(difference from original reading)

Max./Min.

61-415 | 61-405



Patented TightSight®
Backlit Display eliminates need to bend or twist conductors or place your head near or in the panel and allows you to easily read the bottom display when taking measurements

CAT IV 600V · CAT III 1000V · c UL US LISTED

TIGHTSIGHT® CLAMP METERS

61-775
1000A AC/DC
Clamp Meter
TightSight® w/Backlight
CAT IV 600V | CAT III 1000V

61-765
660A AC/DC
Clamp Meter
TightSight® w/Backlight
CAT IV 600V | CAT III 1000V

61-757
600A AC/DC
Clamp Meter
TightSight® w/Backlight
& Flashlight
CAT IV 600V | CAT III 1000V

61-747
400A AC/DC
Clamp Meter
TightSight® w/Backlight
& Flashlight
CAT III 600V

61-415
200A AC/DC
Split Jaw Meter
TightSight® w/Backlight
& Flashlight
CAT IV 600V | CAT III 1000V

CONVENTIONAL CLAMP METERS

61-744
400A AC Clamp Meter
4000 Count & Flashlight
CAT III 600V

61-737
400A AC Clamp Meter
4000 Count w/Backlight
CAT III 600V

61-405
200A AC Split Jaw Meter
w/Backlight & Flashlight
CAT III 600V

CLAMP METER ACCESSORIES

TL-757
Test Leads
w/Alligator Clips

UMHS-757
Universal Magnetic
Hanging Strap

TC-757
Thermocouple

C-757
Nylon Carrying Case

IMPORTANT: The clamp meters on this page are intended for use by qualified electricians. Follow the NFPA 70E Standard for Electrical Safety in the workplace when using this tester. Always consult the instruction manual provided with the tester for operational limitations and procedures associated with a specific tester.

CLAMP METER SPECIFICATIONS

CLAMP METER SELECTION GUIDE			NEW	NEW
	61-775	**61-765**	**61-757**	**61-747**
FEATURES				
CAT Rating (Safety)	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT III 600V
Listing	cULus, CE, RCM	cULus, CE, RCM	cULus, CE, RCM	cULus, CE, RCM
Drop Protection			6.6 ft. (2m)	6.6 ft. (2 m)
Clamp/Jaw Opening	2.0 in. (50.8mm)	1.5 in. (38mm)	1.4 in. (35.5mm)	1.4 in. (35.5mm)
AC Voltage (Volts)	750V	750V	600V	600V
DC Voltage (Volts)	750V	750V	1000V	600V
AC Current (Amps)	1000A	660A	600A	400A
DC Current (Amps)	1000A	660A	600A	400A
Ohms (Resistance)	999.9Ω	999.9Ω	60MΩ	40MΩ
AC Millivolts	—	—	6000	4000
DC Millivolts	—	—	6000	4000
True RMS	✔	✔	✔	✔
High Voltage Alarm	✔	✔	ACV/DCV | >30V	ACV/DCV | >30V
Audible Continuity	✔	✔	✔	✔
Visual Continuity	✔	✔	✔	✔
Backlight	✔	✔	✔	✔
Temperature	—	—	-40˚F ~ 1832˚F -40˚C ~ 1000˚C	-40˚F ~ 1832˚F -40˚C ~ 1000˚C
Low Impedance (LoZ)	—	—	Yes	—
NCV	—	—	40-600V	40-600V
Auto Ranging	✔	✔	✔	✔
Range Hold	—	—	✔	✔
Data Hold	✔	✔	✔	✔
Relative	✔	✔	✔	✔
Diode Test	—	—	✔	✔
Capacitance Test	✔	✔	6.000mF	4.000mF
Frequency / Duty Cycle	✔	✔	10Hz~9.999KHz	10Hz~9.999KHz
Max / Min	✔	✔	✔	✔
Magnetic Strap Mount	—	—	✔	✔
Test Probe Holder	—	—	✔	✔
Flashlight	—	—	✔	✔
Auto-Power Off (APO)	✔	✔	✔	✔
APO Disable	✔	✔	✔	✔
Low Battery Indication	✔	✔	✔	✔
Battery Type (included)	1 x 9 Volt	1 x 9 Volt	3 x 1.5V AAA	3 x 1.5V AAA
Bottom LCD Display	✔	✔	✔	✔
LCD Display Count	9999	9999	6000	4000
Warranty	2-Year*	2-Year*	2-Year*	2-Year*
ACCESSORIES				
Leads & Alligator Clips	Included	Included	Included	Included

Specifications are subject to change without notice.

*VISIT WWW.IDEALIND.COM FOR WARRANTY DETAILS.

CLAMP METER SPECIFICATIONS

CLAMP METER SELECTION GUIDE		NEW	NEW	NEW
	61-744	**61-737**	**61-415**	**61-405**
FEATURES				
CAT Rating (Safety)	CAT III 600V	CAT III 600V	CAT IV 600V CAT III 1000V	CAT III 600V
Listing	cULus, CE, RCM	cULus, CE, RCM	cULus, CE, RCM	cULus, CE, RCM
Drop Protection		3.3 ft. (1m)	6.6 ft. (2m)	3.3 ft. (1m)
Clamp/Jaw Opening	1.45 in. (36.5mm)	1.4 in. (35.5mm)	0.75 in. (19mm)	0.75 in. (19mm)
AC Voltage (Volts)	600V	600V	1000	1000
DC Voltage (Volts)	600V	600V	1000	1000
AC Current (Amps)	600A	400A	200	200
DC Current (Amps)	—	—	200	—
Ohms (Resistance)	40MΩ	40MΩ	60MΩ	60MΩ
AC Millivolts	—	4000	✔	✔
DC Millivolts	—	4000	✔	✔
True RMS	—	✔	✔	✔
High Voltage Alarm	—	ACV/DCV | >30V	ACV/DCV | >30V	ACV/DCV | >30V
Audible Continuity	✔	✔	✔	✔
Visual Continuity	—	✔	✔	✔
Backlight	—	✔	✔	✔
Temperature	—	-40˚F ~ 1832˚F -40˚C ~ 1000˚C	—	—
Low Impedance (LoZ)	—	—	—	—
NCV	70-600V	40-600V	40-600V	40-600V
Auto Ranging	✔	✔	✔	✔
Range Hold	✔	✔	✔	✔
Data Hold	✔	✔	✔	✔
Relative	—	✔	✔	✔
Diode Test	—	✔	✔	✔
Capacitance Test	—	400.0µF	6.000mF	6.000mF
Frequency / Duty Cycle	—	10Hz~9.999KHz	—	—
Max / Min	—	✔	✔	✔
Magnetic Strap Mount	—	✔	✔	✔
Test Probe Holder	—	✔	✔	✔
Flashlight	—	—	✔	✔
Auto-Power Off (APO)	✔	✔	✔	✔
APO Disable	—	—	✔	✔
Low Battery Indication	✔	✔	✔	✔
Battery Type (included)	2 x 1.5V AAA	3 x 1.5V AAA	2 x 1.5V AAA	2 x 1.5V AAA
Bottom LCD Display	—	—	✔	—
LCD Display Count	4000	4000	6000	6000
Warranty	2-Year*	2-Year*	2-Year*	2-Year*
ACCESSORIES				
Leads, Case & Batteries	Leads only	Included	Included	Included
Thermocouple	—	Included	—	—

Specifications are subject to change without notice.

*VISIT WWW.IDEALIND.COM FOR WARRANTY DETAILS.

MULTIMETER VS. CLAMP/FORK METER

Safety - A fork meter allows you to measure AC or DC current (depending on the model) by positioning the fork around a conductor, which is much safer than making direct contact with a live circuit.

Productivity - During a measurement, it is not necessary to shut off the circuit carrying current, which improves productivity.

Limited to 200A AC/DC Measurement

No Fuse Protection required

Safety - A clamp meter allows you to measure AC or DC current (depending on the model) by positioning the clamp jaw around a conductor, which is much safer than making direct contact with a live circuit.

Productivity - During a measurement, it is not necessary to shut off the circuit carrying current, which improves productivity. This allows isolation of a conductor being tested in a bundle of conductors.

Limited to 2000A AC/DC Measurement (Hard Clamp)

No Fuse Protection required

Multimeters measure current differently than a fork or clamp meter. To measures current with a multimeter:

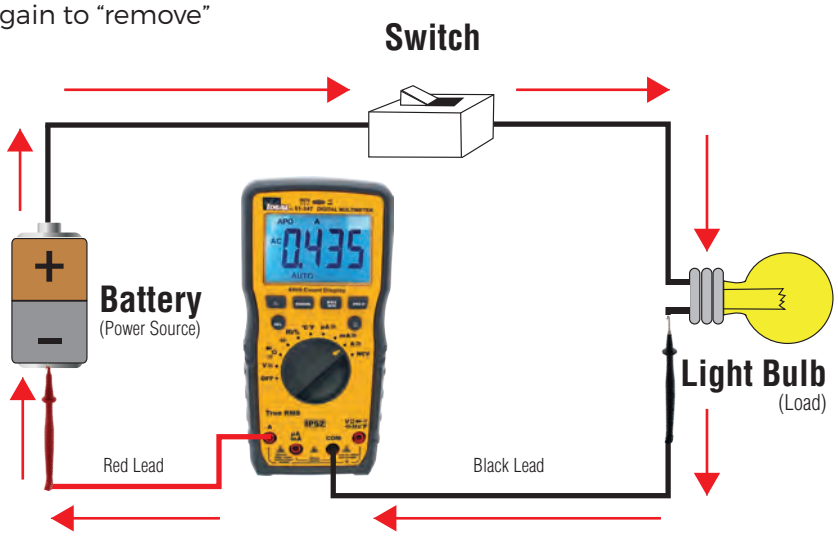
- You must insert the multimeter into the circuit to get the current to flow THROUGH the meter and are making direct contact with the live circuit.

To properly conduct a current measurement in accordance with Electrical Safety-related Work Practices (ESWP) you must:

- de-energize the circuit, disconnect the circuit, insert the meter in the circuit, re-energize the circuit to test current
- AND THEN... repeat the whole process again to "remove" the meter from the circuit after the test.

Limited to 10A AC/DC Measurement

Fuse Protection required (due to current pass-through)



DIGITAL MULTIMETERS

FEATURES

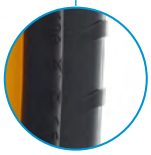
Non-Contact Voltage Tester
Built in

Non-Contact Voltage, High Voltage, Visual Indications, Augment Audible Indication
(61-357, 61-347, 61-337)

Backlit Display
(all models)

Temperature
(61-357, 61-347, 61-337)

Probe Holder Storage
All Models



Removable Boot
All Models

Universal Magnetic Strap Clip
All Models

FUSE Notification
(61-357, 61-347, 61-337)

LEAd Warning
(61-357, 61-347, 61-337)

Bar Graph
(61-357 only)

DIGITAL MULTIMETERS

61-357
1000V Auto Range TRMS
6000 Count Display Multimeter
w/NCVT, Temp, Bar Graph & LoZ
CAT IV 600V | CAT III 1000V

61-347
1000V Auto Range TRMS
6000 Count Display
Multimeter w/NCVT, & Temp
CAT IV 600V | CAT III 1000V

61-337
600V Auto Range
Multimeter w/NCVT & Temp
CAT III 600V

61-327
600V Manual Range
Multimeter w/NCVT CAT III 600V

CAT IV 600V | CAT III 1000V | c UL US LISTED

CAT III 600V | c UL US LISTED

ACCESSORIES

TL-757
Test Leads

UMHS-757
Universal Magnetic
Hanging Strap

F-11A-347357
Fuse for 61-357 & 61-347

F-600mA-347357
Fuse for 61-357 & 61-347

F-10A-337
Fuse for 61-337

F-400mA-337
Fuse for 61-337

TC-757
Thermocouple

C-357
Nylon Carrying Case

Scan this QR code with your smart-phone to see a video and learn more about the testers.

DIGITAL MULTIMETERS FEATURES

DIGITAL MULTIMETER SELECTION GUIDE	NEW	NEW	NEW	NEW
	61-357	**61-347**	**61-337**	**61-327**
FEATURES				
CAT Rating (Safety)	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT III 600V	CAT III 600V
Listing	cULus, CE, RCM	cULus, CE, RCM	cULus, CE, RCM	cULus, CE, RCM
Drop Protection	6.6 ft. (2m)	6.6 ft. (2m)	3.3 ft. (1m)	3.3 ft. (1m)
Ingress Protection	IP52	IP52	—	—
AC Voltage (Volts)	1000V	1000V	600V	600V
DC Voltage (Volts)	1000V	1000V	600V	600V
AC Current (Amps)	10A	10A	10A	—
DC Current (Amps)	10A	10A	10A	—
Ohms (Resistance)	60MΩ	60MΩ	40MΩ	4MΩ
AC Millivolts	6000	6000	4000	—
DC Millivolts	6000	6000	4000	4000
AC Milliamps	6000	6000	4000	—
DC Milliamps	6000	6000	4000	—
AC Microamps	6000	6000	4000	—
DC Microamps	6000	6000	4000	—
True RMS	✔	✔	—	—
High Voltage Alarm	ACV/DCV | >30V	ACV/DCV | >30V	ACV/DCV | >30V	ACV/DCV | >30V
Audible Continuity	✔	✔	✔	✔
Visual Continuity	✔	✔	✔	✔
Backlight	✔	✔	✔	✔
Temperature	-40 ~ 1832˚F -40 ~ 1000˚C	-40 ~ 1832˚F -40 ~ 1000˚C	-40 ~ 1832˚F -40 ~ 1000˚C	—
Low Impedance (LoZ)	✔	—	—	—
NCV	✔	✔	✔	—
Auto Ranging	✔	✔	✔	—
Range Hold	✔	✔	✔	—
Data Hold	✔	✔	✔	✔
Diode Test	✔	✔	✔	✔
Capacitance Test	6000 µF	6000 µF	4000 µF	—
Frequency / Duty Cycle	10Hz – 9.99 KHz	10Hz – 9.99 KHz	10Hz – 9.99 KHz	10Hz – 9.99 KHz
Max / Min	✔	✔	✔	—
Magnetic Strap Mount	✔	✔	✔	✔
Test Probe Holder	✔	✔	✔	✔
Auto-Power Off	✔	✔	✔	✔
APO Disable	✔	✔	✔	✔
Low Battery Indication	✔	✔	✔	✔
Battery Type (included)	3 x 1.5V AAA	3 x 1.5V AAA	3 x 1.5V AAA	3 x 1.5V AAA
LCD Display Count	6000	6000	4000	2000
Lead Warning	✔	✔	✔	—
Fuse Notification	✔	✔	✔	—
Bar Graph	✔	—	—	—
Battery Test	—	—	—	✔
Warranty	2-Year*	2-Year*	2-Year*	2-Year*
Accessories				
Leads, Case & Temp. Sensor	Included	Included	Included	Leads Only
Thermocouple	Included	Included	Included	—

Specifications are subject to change without notice.

*VISIT WWW.IDEALIND.COM FOR WARRANTY DETAILS.

VOLTAGE TESTERS

Scan this QR code with your smartphone to see a video and learn more about the testers.

FEATURES

Non-Contact Voltage

Audible Indication
for NCV, Continuity & High Voltage

Backlit Display

LoZ
Eliminates Ghost Voltage

GFCI Test

Universal Magnetic Strap Clip

Probe Holder for Storage

61-557

UMHS-757
Universal Magnetic Hanging Strap (61-557)

TL-757
Test Leads

VOLTAGE TESTERS FEATURES

61-557
Voltage and Continuity Tester
w/LCD, GFCI, Flashlight & NCVT
6-600V AC/DC
CAT IV 600V

61-547
8 Level AC/DC Voltage Indicator
with Polarity Indicator
12-600V DC | 24-600V AC
CAT III 600V

61-076
Vol-Con® Voltage/Continuity Tester
5-600V AC/DC
CAT III 600V

61-065
Vol-Test® Voltage Tester
100-600V AC/DC
CAT III 600V

CAT IV 600V c UL US LISTED | CAT III 600V c UL US LISTED | CAT III 600V c UL US LISTED | CAT III 600V c UL US LISTED

VOLTAGE TESTER SELECTION GUIDE	NEW	NEW		
	61-557	**61-547**	**61-076**	**61-065**
FEATURES				
CAT Rating (Safety)	CAT IV 600V	CAT III 600V	CAT III 600V	CAT III 600V
Listing Preferred	cULus, CE	cULus, CE	cULus	cULus
Drop Protection	6.6 ft. (2m)	6.6 ft. (2m)		
Ingress Protection	IP42	IP42	—	—
AC Voltage (Volts)	6 ~ 600	24 ~ 600	5 ~ 600	100 ~ 600
DC Voltage (Volts)	6 ~ 600	12 ~ 600	5 ~ 600	100 ~ 600
High Voltage Alarm	ACV >30 or DCV >30V	ACV/DCV >48V	—	—
Audible Continuity	✔	—	—	—
Visual Continuity	✔	—	✔	—
Backlight	✔	—	—	—
Low Impedance (LoZ)	✔	—	✔	✔
NCV	90-600V AC	—	—	—
Auto Ranging	✔	—	—	—
Magnetic Strap Mount	✔	✔	—	—
Test Probe Holder	✔	✔	✔	✔
Flashlight	✔	—	—	—
Auto-Power Off (APO)	✔	—	—	—
Low Battery Indicator	✔	—	—	—
Battery Type (included)	3 x 1.5V AAA	—	4 x 1.5V LR44	—
LCD Display Count	600	—	—	—
Backlight	✔	—	—	—
DC Polarity Indication	✔	✔	✔	—
Leads	Removable	Fixed	Removable	Removable
GFCI Test	✔	—	—	—
Display	LCD	Neon Lamps	Indicator Movement	Indicator Movement
Warranty	2-Year*	2-Year*	2-Year*	2-Year*
ACCESSORIES				
Test Leads	TL-757	—	61-070	61-070
Magnetic Hanging Strap	UMHS-757	UMHS-757	—	—

Specifications are subject to change without notice.

*VISIT WWW.IDEALIND.COM FOR WARRANTY DETAILS.

RECEPTACLE TESTERS

Scan this QR code with your smart-phone to learn more about the testers.

FEATURES

Digital Voltage Readout
Provides Voltage Level at Outlet

GFCI Test w/Indicator Light

On/Off Button
Confirms Tester is Working

Green Lights
Indicate Correct Wiring

Red Lights
Indicate Incorrect Wiring

LEDs Easily Visible
Plugged in or rotated to fit receptacles.

RECEPTACLE TESTER FEATURES

61-517
120V AC GFCI Receptacle/Voltage Tester
CAT II 150V AC

Neon Lamp Polarity Indication

61-051
E-Z Check® Plus GFCI Circuit Tester

Fits Standard 120V Outlets

61-035
E-Z Check® Circuit Tester

GFCI Test Button

61-501
GFCI Receptacle Tester

RECEPTACLE TESTER SELECTION GUIDE	NEW			
	61-517	**61-051**	**61-035**	**61-501**
FEATURES				
Voltage Rating	120V AC	120V AC	120V AC	120V AC
Polarity Indication	✔	✔	✔	✔
GFI Trip	✔	✔	–	✔
UL Listed	✔	✔	✔	✔
Made in the USA	–	✔	✔	–
Premium Neon Lamps	–	✔	✔	✔
LCD Display	✔	–	–	–
Warranty	2-Year*	2-Year*	2-Year*	1-Year

Specifications are subject to change without notice.

*VISIT WWW.IDEALIND.COM FOR WARRANTY DETAILS

NON-CONTACT VOLTAGE TESTERS

FEATURES

Lanyard Slot
(All models)

Durable Clip
(All models)

Sealed Flush Buttons
Allows for protection from rain and dampness
(IP67 Rating, Models 61-657 & 61-647) &
single-hand operation.

Overmolded Industrial Grip
(61-657 & 61-647 models)

LED Flashlight
In tip
(61-657, 61-647, 61-637 models)

Scan this QR code with your smart-phone to learn more about the testers.

NON-CONTACT VOLTAGE TESTERS FEATURES

61-657
Dual Range
12 to 1000V AC
NCVT w/Flashlight
CAT IV 1000V

61-647
Single Range
50 to 1000V AC
NCVT w/Flashlight
CAT IV 1000V

61-637
Single Range
24 to 600V AC
NCVT w/Flashlight
CAT IV 600V

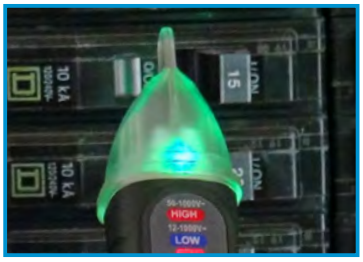
61-627
Single Range
50 to 600V AC
NCVT
CAT IV 600V

c UL US LISTED CE CAT IV 1000V

c UL US LISTED CE CAT IV 600V

Dual Range on 61-657 only.

Standard Voltage Range
Indicated by a Red LED



Power On
Indicated by a Green LED

Low Voltage Range
Indicated by a Blue LED

Presence of Voltage
Indicated by a Flashing Red LED & Audible Tone

NON-CONTACT VOLTAGE TESTERS FEATURES

NON-CONTACT VOLTAGE TESTER SELECTION GUIDE	NEW	NEW	NEW	NEW
	61-657	**61-647**	**61-637**	**61-627**
FEATURES				
CAT Rating (Safety)	CAT IV 1000V	CAT IV 1000V	CAT IV 600V	CAT IV 600V
Listing	cULus, CE, RCM	cULus, CE, RCM	cULus, CE, RCM	cULus, CE, RCM
Voltage Sensing Range	12 ~ 1000V AC	50 ~ 1000V AC	24 ~ 600V AC	50 ~ 600V AC
Dual Range	✔	—	—	—
Flashlight	✔	✔	✔	—
Drop Protection	6.6 ft. (2m)	6.6 ft. (2m)	3.3 ft. (1m)	3.3 ft. (1m)
Ingress Protection	IP67	IP67	—	—
Dual Range Sensitivity	✔	—	—	—
Audible Indication	✔	✔	✔	✔
Audible Defeat	✔	✔	✔	—
Visual Indication	Green On, Flashing Red	Green On, Flashing Red	Green On, Flashing Red	Green On, Flashing Red
Visual Range Indicator	Blue Low, Red High	—	—	—
Lanyard Compatible	✔	✔	✔	✔
Auto-Power Off (APO)	✔	✔	✔	✔
Low Battery Indication	✔	✔	✔	✔
Battery Type (included)	2 x 1.5V AAA	2 x 1.5V AAA	2 x 1.5V AAA	2 x 1.5V AAA
Warranty	2-Year*	2-Year*	2-Year*	2-Year*

Specifications are subject to change without notice.

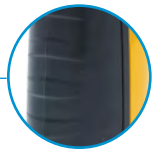
*VISIT WWW.IDEALIND.COM FOR WARRANTY DETAILS.

INFRARED THERMOMETERS

FEATURES

Scan this QR code with your smart-phone to learn more about the thermometers.

61-847
Dual Laser Targeting
12:1 Infrared Thermometer



Overmolded Industrial Grip

61-827
Single Laser Targeting
10:1 Infrared Thermometer

c UL US LISTED CE

c UL US LISTED CE

LASER 2 WARNING

Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3 as described in Laser Notice No. 56 dated May 8, 2019.

Specifications are subject to change without notice.

INFRARED THERMOMETER SELECTION GUIDE	NEW	NEW
	61-847	**61-827**
FEATURES		
Listing	cULus	cULus
Certification	CLASS 2, IEC 60825-1:2014	CLASS 2, IEC 60825-1:2014
Wavelength	630nm-670nm	630nm-670nm
Output	< 1mW	< 1mW
Listing	cULs, CE	cULs, CE
Drop Protection	6.6 ft. (2m)	3.3 ft. (1m)
Optical Resolution (distance-to-spot)	12 : 1	10 : 1
Measurement Range	-26˚ - 932˚F (-32˚ to 500˚C)	-4˚ to 752˚F (-20˚ to 400˚C)
Laser Targeting	Dual	Single
Auto Scan	✔	—
Max/Min/Avg/Diff	✔	—
High/Low Alarm	✔	—
Data Hold	✔	✔
Lock-on (for continuous measurements)	✔	—
Emissivity	0.10 - 1.00 Adjustable	0.95 Fixed
Backlit Display	✔	✔
Display	LCD	LCD
Auto Power-Off	✔	✔
Selectable Celsius / Fahrenheit	✔	✔
Battery Type (included)	2 x 1.5V AAA	2 x 1.5V AAA
Low Battery Indicator	✔	✔
Response Time	250 ms	500 ms
Spectral Response	8 to 14µm	8 to 14µm
Warranty	2-Year*	2-Year*

*VISIT WWW.IDEALIND.COM FOR WARRANTY DETAILS.

SPECIALTY TESTERS

61-520
3-Phase Rotation Tester

61-521
3-Phase Motor/Rotation Tester

c UL US LISTED CAT III 300V

61-797
Insulation Tester w/PI, DAR

61-795
Insulation Tester

c UL US LISTED CAT IV 600V

61-796
3-Pole Ground Resistance Tester

CAT III 300V

61-920
Ground Resistance Clamp Meter

CAT IV 300V

61-686
Digital Light Meter

CE

SPECIALTY TESTERS FEATURES

PHASE ROTATION SELECTION GUIDE		
	61-520	**61-521**
FEATURES		
Motor Rotation	—	✔
Phase Rotation	✔	✔
120 to 600V AC	✔	✔
Color Coded Leads	✔	✔
Detachable Leads	—	✔
Warranty	2-Year*	2-Year*
ACCESSORIES (Included)		
Test Leads		TL-521

INSULATION TESTER SELECTION GUIDE		
	61-795	**61-797**
FEATURES		
Test Voltage	250/500/ 1000V DC	50/100/250/500/ 1000V DC
Voltage AC/DC	0.1 - 600.0V	0.1 - 600.0V
Continuity	0.01 - 20.0 Ω	—
Resistance	0.01Ω - 200.0 Ω	0.01Ω - 40.00k Ω
Insulation Resistance	Up to 4000M Ω	Up to 20G Ω
Warranty	2-Year*	2-Year*
ACCESSORIES (Included)		
Test Leads	TL-795	TL-795
Remote Probe	—	TL-797RP

TL-521
Test Lead Set

TL-795
Test Lead Set w/Premium Alligator Clips

TL-797RP
Remote Probe Test Lead Set

GROUND ROD TESTING SELECTION GUIDE		
	61-796	**61-920**
FEATURES		
3 Point Fall of Potential Method	✔	—
Clamp on Technique	—	✔
Auto Ranging	—	✔
Measuring Range	0 - 2000 Ω	0 - 1200 Ω
Ground Leakage Current	—	100mA/1000mA/ 15A/30A
Warranty	2-Year*	2-Year*
ACCESSORIES (Included)		
Test Leads	TL-796	—

LIGHT METER SELECTION GUIDE	
	61-686
FEATURES	
Four Measurement Ranges	Up to 20,000 Foot Candles or 200,000 Lux
Data and Max Hold Modes	✔
Auto Zero Adjust	✔
Low Battery Indication	✔
Auto Power Off	✔
Remote Sensor w/59" attached Coiled Cable	✔
Warranty	2-Year*

TL-796
Earth Resistance Lead Set

Specifications are subject to change without notice.

*VISIT WWW.IDEALIND.COM FOR WARRANTY DETAILS.

ACCESSORIES

NEW

TL-532A
120V AC Circuit Breaker
Finder Adapter Kit

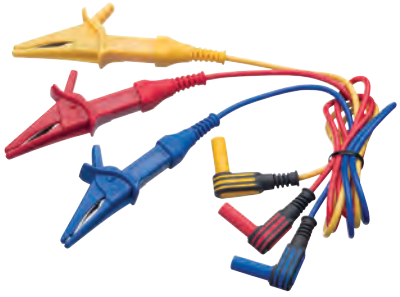
NEW

TL-757
Universal Test Leads
& Alligator Clips

NEW

UMHS-757
Universal Magnetic
Hanging Strap
(For use with 61-405, 61-415, 61-737,
61-747, 61-757, 61-327, 61-337, 61-347,
61-357, 61-547 & 61-557)

TC-757
Thermocouple



TL-521
Test Lead
Set

TL-796
Earth Resistance
Lead Set

TL-797RP
Remove Probe
Test Lead

TL-795
Test Leads w/
Alligator Clips
(premium)

61-070
Standard Test Leads
(for use with 61-076 & 61-065)

TL-956
Test Lead Set

TEST LEAD SELECTION GUIDE

for this TESTER	use these TEST LEADS	
61-065 Vol-Test® Voltage Tester **61-076** Vol-Con® Voltage/ Continuity Tester	**61-070** Standard Vol-Con® Test Leads	
61-737 | 61-747 | 61-757 Digital Clamp Meters	**TL-757** Test Lead Set	**UMHS-757** Magnetic Strap
61-405 | 61-415 Digital Split Jaw Meters	**TL-757** Test Lead Set	**UMHS-757** Magnetic Strap
61-557 Voltage Tester	**TL-757** Test Lead Set	**UMHS-757** Magnetic Strap
61-521 3-Phase/Motor Rotation Tester	**TL-521** Test Lead Set	
61-327 | 61-337 61-347 | 61-357 Digital Multimeters	**TL-757** Test Lead Set	**UMHS-757** Magnetic Strap
61-744 Clamp-Pro™ 600A Clamp Meter	**TL-757** Test Lead Set	**UMHS-757** Magnetic Strap
61-765 660A Clamp Meter **61-775** 1000A Clamp Meter	**TL-757** Test Lead Set	
61-795 Insulation Tester	**TL-795** Test Leads w/Alligator Clips Premium	
61-796 3-Pole Ground Resistance Tester	**TL-796** Earth Resistance Lead Set	
61-797 Insulation Tester	**TL-795** Test Leads w/Alligator Clips Premium	**TL-797RP** Remote Probe Test Lead
TR-955 Transmitter for SureTrace™ Circuit Tracers	**TL-956** Test Lead Set	

CARRYING CASES

61-179
Nylon Carrying Case

C-90
Nylon Carrying Case

C-290
Nylon Carrying Case

C-760
Nylon Carrying Case

C-770
Nylon Carrying Case

NEW

C-357
Nylon Carrying Case

NEW

C-757
Nylon Carrying Case

Selection Guide		VOLTAGE TESTERS			160	300				400		700				740	770	790
		61-065	61-076		61-164	61-327	61-337	61-347	61-357	61-405	61-415	61-727	61-737	61-747	61-757	61-744	61-775	61-797
61-179	Nylon Carrying Case				•													
C-90	Nylon Carrying Case	•	•													•		
C-290	Nylon Carrying Case																	•
C-357	Nylon Carrying Case					•	•	•	•									
C-760	Nylon Carrying Case															•		
C-757	Nylon Carrying Case									•	•	•	•	•	•			
C-770	Nylon Carrying Case																•	

REPLACEMENT PARTS SELECTION GUIDE

SELECTION GUIDE			060	070	300						400	500					730	740		750	760	770	790			950
			61-065	61-076	61-327	61-337	61-340	61-342	61-347	61-357	61-486	61-521	61-532	61-534	61-547	61-557	61-737	61-744	61-747	61-757	61-765	61-775	61-795	61-796	61-797	TR-955
FUSES																										
F-105	1A (600V)	10.3 x 35mm																					•			
F-340	0.5A (500V)	6.35 x 32mm					•	•																		
F-341	10A (1000V)	10 x 38mm					•	•																		
F-400mA-337	400mA (600V)	6.5 x 32mm				•																				
F-10A-337	10A (600V)	10 x 38mm				•																				
F-600mA-347357	600mA (1000V)	6.5 x 32 mm							•	•																
F-11A-347357	11A (1000V)	10 x 38mm							•	•																
F-497	600mA (1000V)	10 x 35mm									•															
F-498	11A (1000V)	10 x 38mm									•															
F-797	315mA (1000V)	5 x 32mm																							•	
BATTERIES																										
	AA																						•	•	•	•
—	1.5V (AAA)				•	•			•	•						•	•	•	•	•						
—	9V											•	•	•							•	•				
	LR44			•																						
TEST LEADS																										
TL-796	Earth Resistance Lead Set																							•		
TL-797RP	Remote Probe Test Lead																								•	
61-070	Standard Test Leads		•	•																						
TL-757	Universal Test Leads & Alligator Clips				•	•			•	•					•	•	•	•	•	•	•	•				
TL-521	Test Lead Set											•														
TL-795	Test Leads w/Alligator Clips (Premium)																						•		•	
TL-956	Test Lead Set																									•

SAFETY IN THE FIELD

IEC (International Electrotechnical Commission) Category Ratings

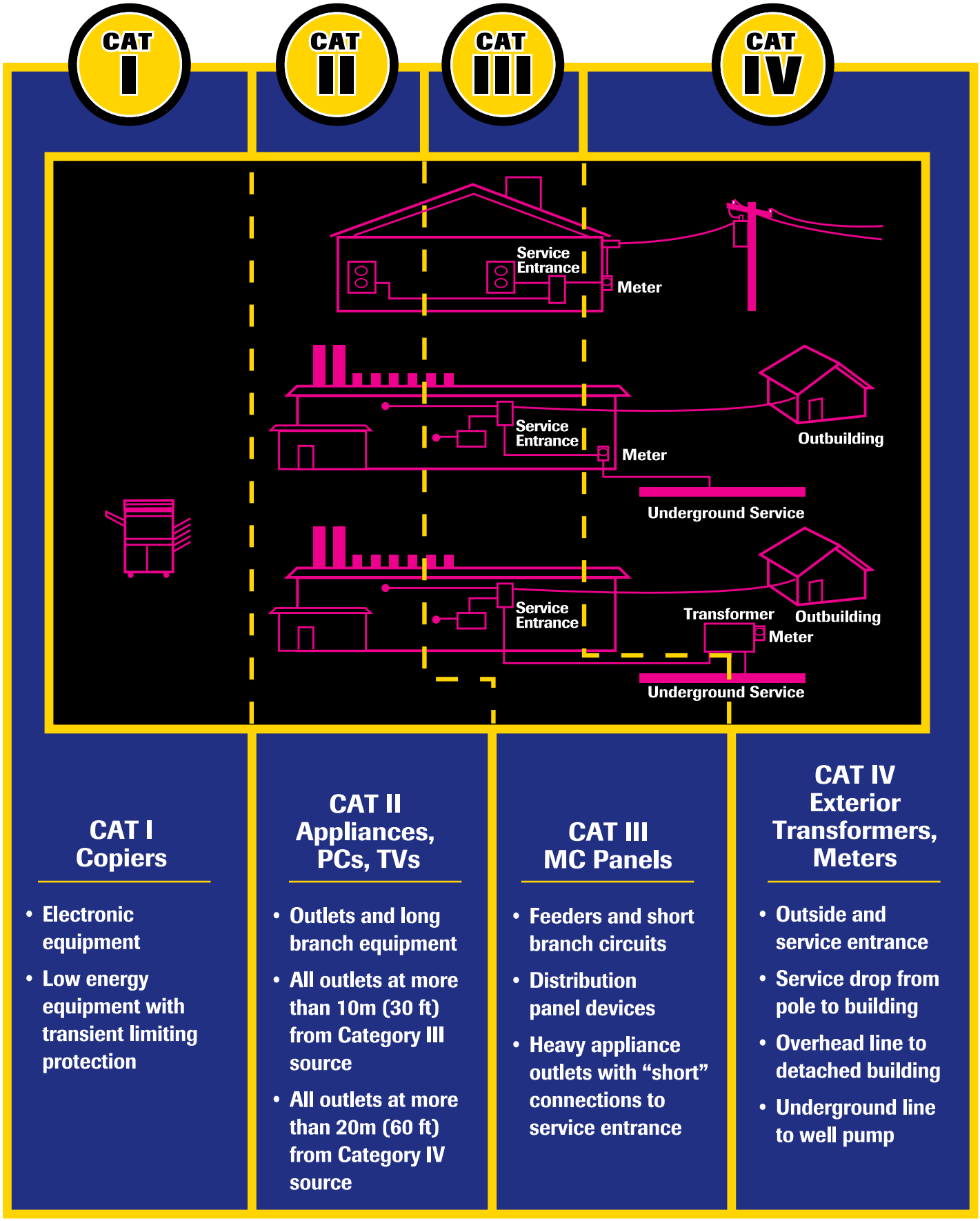
Category I – The signal level for telecommunications, electronic and other low-energy equipment with transient limiting protection. Peak impulse transient range is 600-4,000 volts with 30 ohm source.

Category II – The local level for fixed and non-fixed powered devices including appliances, lighting and portable equipment. Outlets located more than 30 feet from CAT III sources and 60 feet from CAT IV sources. Peak impulse transient range is from 600-6,000 volts with a 12 ohm source.

Category III – The distribution level for fixed primary feeders or branch circuits. Circuits that are separated from CAT IV sources by at least one level of transformer isolation. Peak impulse transient range is 600-8,000 volts with a 2 ohm source.

Category IV – The primary supply level for the highest levels of transient over voltage. Includes the utility service both outside and at the service entrance, service drop from the pole to the building, overhead line to remote buildings, and underground line to a well pump. Peak impulse transient range is 600-12,000 volts with less than a 1 ohm source.

Visit idealind.com for more technical product details, application support, white papers, videos and software.


CAT I
CAT II
CAT III
CAT IV
Service Entrance
Meter
Service Entrance
Meter
Outbuilding
Underground Service
Service Entrance
Transformer
Outbuilding
Meter
Underground Service
CAT I
Copiers
• Electronic equipment
• Low energy equipment with transient limiting protection
CAT II
Appliances, PCs, TVs
• Outlets and long branch equipment
• All outlets at more than 10m (30 ft) from Category III source
• All outlets at more than 20m (60 ft) from Category IV source
CAT III
MC Panels
• Feeders and short branch circuits
• Distribution panel devices
• Heavy appliance outlets with "short" connections to service entrance
CAT IV
Exterior Transformers, Meters
• Outside and service entrance
• Service drop from pole to building
• Overhead line to detached building
• Underground line to well pump

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