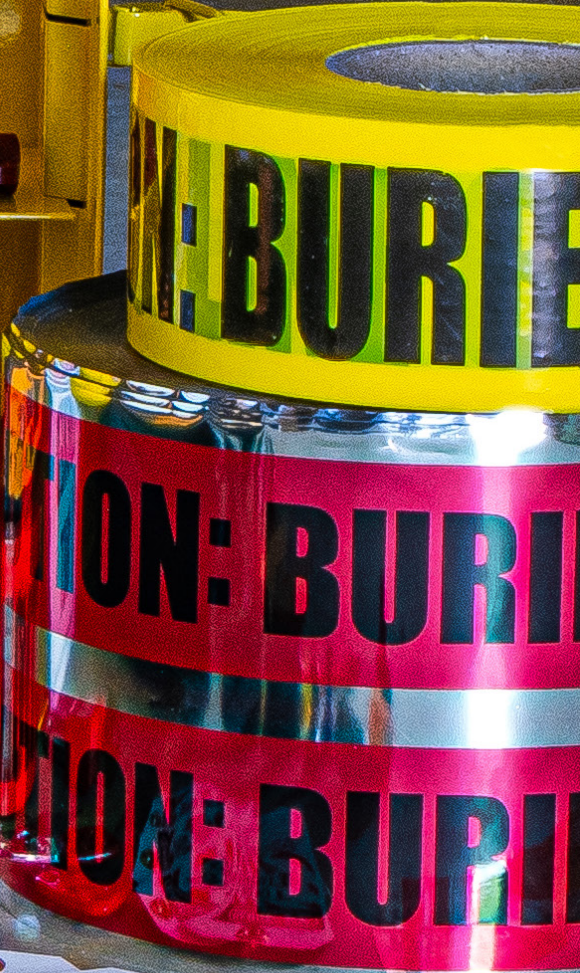




ANGER
REAKERS
DCKED



IDEAL ELECTRICAL SAFETY CATALOG

LOCKOUT/TAGOUT | HAND TOOLS | TEST & MEASUREMENT | WIRE TERMINATION



THE ELECTRICIAN'S
CHAMPION



ABOUT IDEAL ELECTRICAL

IDEAL Electrical has been making tools and parts for electricians for over 100 years. We've sold billions of wire connectors and our products have traveled from the South Pole to the moon. We make tools for every part of the job. We even created the IDEAL National Championship to celebrate electricians everywhere.

Our mission is to champion electricians and the entire electrical industry — the contractors, distributors, students and trade schools. This is the industry that powers the civilized world.

We are part of IDEAL INDUSTRIES, INC., a five-generation, family-owned company built on a philosophy of creating ideal relationships with customers, employees, vendors and communities. It's a philosophy that has helped the company become a global innovator, with business units serving automotive, aerospace, construction and other industries around the world.

IDEAL INDUSTRIES, INC. is committed to Building an IDEAL World.

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SAFETY

LOCKOUT/TAGOUT POUCH KITS

LOCKOUT/TAGOUT KITS

- Excellent collection of lockout/tagout devices for electrician and maintenance personnel
- Small nylon zipper pouch features belt loops and d-rings for easy attachment to belts, tool pouches, tool carts and more



Item #	Description	Quantity		
		Starter Kit 44-973	Basic Kit 44-970	Standard Kit 44-971
44-783	Universal Multi-Pole Breaker Lockout	1	1	2
44-785	Cleat for 277V Breaker Lockout	—	—	1
44-786	Cleat for 480/600V Breaker Lockout	—	—	1
44-789	Wall Switch Lockout	—	1	1
44-800	Safety Lockout Hasp, 1 in.	1	1	2
44-807	480/600V Breaker Lockout	—	1	1
44-809	Universal 277V Breaker/Single-Pole Lockout	1	1	2
44-810	Hinged Single-Pole Breaker Lockouts	—	2	3
44-818	110V Plug Lockout	1	1	1
44-848	Lockout Tags, "Do Not Operate"	—	—	5
44-849	Striped Lockout Tags, "Do Not Operate"	2	5	5
44-906	Steel Padlock, Red, 3/4 in. Shackle Clearance	1	1	—
44-907	Steel Padlock, Red, 2 in. Shackle Clearance	—	—	2
IA-3240	Zipper Pouch	1	1	1

Quantities listed in kit description are individual pieces, not carded packages.

SAFETY

LOCKOUT/TAGOUT FIELD KITS

LOCKOUT/TAGOUT FIELD KITS

- Selection of lockout/tagout devices that are kept in one location
- Polypropylene plastic tool box (color may vary) resists oils and chemicals



Item #	Description	Quantity		
		Jobsite Kit	Plant Facility Kit	Industrial Kit
44-772	Universal Wall Switch	1	—	—
44-783	Universal Multi-Pole Breaker Lockout	—	1	2
44-785	Cleat for 277V Breaker Lockout	—	1	1
44-786	Cleat for 480/600V Breaker Lockout	—	1	1
44-789	Wall Switch Lockout	—	2	1
44-791	Red Labeled Lockout	1	1	1
44-800	Safety Lockout Hasp, 1 in.	1	3	2
44-807	480/600V Breaker Lockout	—	1	1
44-809	Universal 277V Single-Pole Breaker Lockout	—	3	2
44-810	Hinged Single-Pole Breaker Lockout	—	5	3
44-815	Fuse Blockout	—	1	1
44-818	110V Small Plug Lockout	—	1	1
44-819	220/550V Plug Lockout	—	1	1
44-820	Ball Valve Lockout	—	—	1
44-824	Gate Valve Lockout	—	1	1
44-833	Heavy-Duty Lockout Tag, "Do Not Operate"	12	—	—
44-849	Heavy-Duty Lockout Tag, "Do Not Operate"	—	10	10
44-916	Safety Lockout Padlock w/Key Retention, Red, 1-1/2 in. Shackle Clearance	3	—	4
44-956	Circuit Breaker Lockouts (Tall & Wide Toggles)	2	—	—
44-957	Circuit Breaker Lockouts (Standard Single & Double Toggles)	3	—	—
—	Circuit Breaker Lockout Padlock	1	—	—
IA-3241	Tool Box (12 in. x 6 in. x 6 in.) (Color may vary)	1	1	1
K-7349	Fuse Blockout	—	1	1

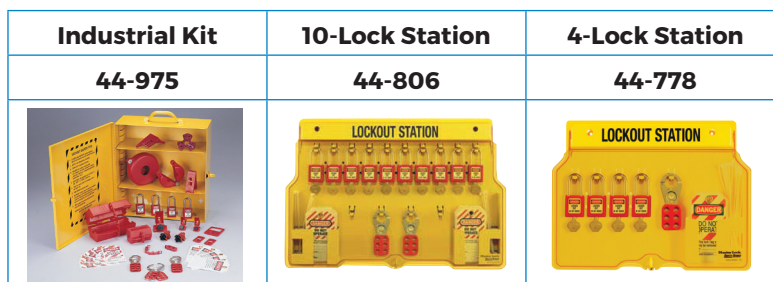
Quantities listed in kit description are individual pieces, not carded packages.

SAFETY

LOCKOUT/TAGOUT STATION KITS

LOCKOUT/TAGOUT STATION KITS

- 44-778 & 44-806 are constructed of a resilient polycarbonate material. Lockable cover for added safety
- 44-975 can be mounted or easily transported and comes with two shelves



Item #	Description	Quantity		
44-774	Pneumatic Lockout	1	—	—
44-783	Universal Multi-Pole Breaker Lockout	2	—	—
44-785	Cleat for 277V Breaker Lockout	2	—	—
44-786	Cleat for 480/600V Breaker Lockout	1	—	—
44-789	Wall Switch Lockout	1	—	—
44-800	Safety Lockout Hasp, 1 in.	3	2	2
44-807	480/600V Breaker Lockout	1	—	—
44-809	Universal 277V Single-Pole Breaker Lockout	2	—	—
44-810	Hinged Single-Pole Breaker Lockouts	2	—	—
44-818	110V Plug Lockout	1	—	—
44-819	220/550V Plug Lockout	1	—	—
44-820	Ball Valve Lockout	1	—	—
44-824	Gate Valve Lockout, 1 in. to 2-1/2 in.	1	—	—
44-825	Gate Valve Lockout, 2-1/2 in. to 5 in.	1	—	—
44-849	Heavy-Duty Lockout Tag, "Do Not Operate"	10	—	—
44-916	Safety Lockout Padlock w/Key Retention, Red, 1-1/2 in. Shackle Clearance	4	10	4
—	Station Board	—	10-Lock	4-Lock
—	Heavy-Duty Lockout Tags	—	24	12
IA-4989	Cabinet	1	—	—

Quantities listed in kit description are individual pieces, not carded packages.






SAFETY

LOCKOUT/TAGOUT DEVICES



BREAKER LOCKOUTS

	Description	Quantity	Part No.
	Hinged Single-Pole Lockout	Bag of 3	44-810
		Carton of 100	44-1810
	Universal Single Breaker Lockouts, 120/277V	Bag of 3	44-809
		Carton of 50	44-1809
	Cleat for Single-Pole Breaker Lockouts	Bag of 3	44-785
	Single/Multi-Pole Lockout, 480/600V	Card of 1	44-807
		Carton of 50	44-1807
	Cleat for 480/600V Single/Multi-Pole Lockout	Bag of 2	44-786
	Circuit Breaker Lockout for Wide/Tall Toggles	1	44-956
	Circuit Breaker Lockout for Standard and Tie-Bar Toggles	1	44-957
	Multi-Pole Breaker Lockout	1	44-783
	Large Breaker Lockout, For use with 480/600V Breaker Switches	1	44-823
	Snap-On Circuit Breaker, 120/277V	1	44-768
	Clamp-on Circuit Breaker 120/277V	1	44-764

PLUG LOCKOUTS

	Description	Quantity	Part No.
	Low Voltage Plug Lockout	1	44-792
	110/220V Plug Lockout	1	44-809
	100V Plug Lockout, 2 in. x 2 in. x 3-1/2 in.	1	44-818
	220/550V Plug Lockout, 3-1/4 in. x 3 in. x 7 in.	1	44-819
	Electric Plug Lockout	1	44-782



SWITCH LOCKOUTS

	Description	Quantity	Part No.
	Universal Wall Switch	1	44-772
	Standard Wall Switch	1	44-789





SAFETY

LOCKOUT/TAGOUT DEVICES

CABLE LOCKOUTS

	Description	Cable	Material	Includes	Quantity	Part No.
	Adjustable Cable Lockout	6 ft., 1/4 in. diameter vinyl-coated flexible steel, multi-stranded	Thermoplastic	Write-On Safety Label	1	44-808
	Cable Lockout	6 ft. plastic-coated steel cable	—	Cable	1	44-829

VALVE LOCKOUT DEVICES

	Description	Valve Size	Max. Shackle Length	Material	Quantity	Part No.
	Gate Valve Lockouts, Set of 5	1 in. to 13 in.	—	Thermoplastic	1	44-817
	Gate Valve Lockout	1 in. to 2-1/2 in.	—	Thermoplastic	1	44-824
	Gate Valve Lockout	2-1/2 in. to 5 in.	—	Thermoplastic	1	44-825
	Ball Valve Lockout	1/2 in. to 1-1/4 in.	—	Polypropylene	1	44-846
		1/4 in. to 1 in.	9/32 in.	Nylon	1	44-820

SAFETY

PADLOCKS | HASPS







PADLOCKS/HASPS

	Description	Bumper Color	Width	Shackle Clearance	Shackle Diameter	Quantity	Part No.
	Steel Padlock	Blue	1-1/2 in.	3/4 in.	9/32 in.	1	44-900
		Blue		2 in.		1	44-901
		Red		3/4 in.		1	44-906
		Red		2 in.		1	44-907
	Safety Lockout Padlock w/Key Retention	Blue	1-1/2 in.	1-1/2 in.	1/4 in.	1	44-912
		Black				1	44-914
		Red				1	44-916
		Yellow				1	44-918
	Lock Labels	—	—	—	—	8	44-898
	Lockout Hasp, 1 in. Jaw Diameter	—	—	—	—	Card of 3	44-800
	Lockout Hasp, 1-1/2 in. Jaw Diameter	—	—	—	—	Card of 2	44-801
	Labeled Safety Lockout Hasp, Red	—	—	—	—	1	44-791
						Carton of 50	44-1791

SAFETY

LOCKOUT TAGS | LABELS | SIGNS

TAGS/LABELS/SIGNS

	Description	Material	Size	Quantity	Part No.
	Heavy-Duty Lockout Tag - "Do Not Operate"	Laminated Plastic	—	Card of 5	44-830
		Laminated Plastic	—	Box of 100	44-1830
		Vinyl	—	Bag of 25	44-848
	Heavy-Duty Lockout Tag - "Do Not Operate - Electricians at Work"	Laminated Plastic	—	Card of 5	44-832
		Vinyl	—	Bag of 25	44-843
	Heavy-Duty Lockout Tag - "Do Not Operate - Electricians at Work" (Striped Background)	Laminated Plastic	—	Card of 5	44-833
		Laminated Plastic	—	Box of 100	44-1833
		Vinyl	—	Bag of 25	44-849
	Bilingual Lockout Tags - "Do Not Operate" (Striped Background)	Vinyl	—	5	44-841
	Danger - Breakers Locked Out	Magnetic	5 in. x 7 in.	1	44-890
	OSHA Regulation, 36 in. Clearance	Self-Sticking Polyester	10 in. x 3-1/2 in.	1	44-877
	OSHA Regulation (Bilingual), 36 in. Clearance	Self-Sticking Polyester	10 in. x 7 in.	1	44-878*
	Meter Disconnect	Self-Sticking Polyolefin	9 in. x 2-1/8 in.	Bag of 5	44-945**
	Service Disconnect	Self-Sticking Polyolefin	9 in. x 1-2/4 in.	Bag of 5	44-944**
	NEC Arc Flash Protection Label, Warning	Self-Sticking Polyester	5 in. x 3-1/2 in.	Bag of 5	44-892**
			5 in. x 3-1/2 in.	Carton of 100	44-892BK**
			7 in. x 5 in.	Bag of 5	44-893**
			10 in. x 7 in.	1	44-896**
	NEC Arc Flash Protection Label, Danger	Self-Sticking Polyester	7 in. x 5 in.	Bag of 5	44-894**
			6 in. x 4 in.	Bag of 5	44-895**





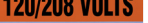





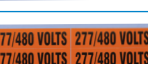
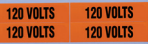

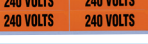
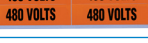
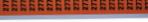
* Complies with OSHA lockout standard

** NEC 110.16 compliant

SAFETY

SIGNS | CONDUIT MARKERS


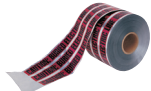

TAGS/LABELS/SIGNS

	Description	Material	Size	Quantity	Part No.
	Safety Sign - "Danger - High Voltage"	Fiberglass	14 in. x 10 in.	1	44-862
	Safety Sign - "Danger - High Voltage"	Self-Sticking Polyester	10 in. x 7 in.	1	44-863
	Safety Sign - "Danger - High Voltage - Keep Out"	Self-Sticking Polyester	10 in. x 7 in.	1	44-881
	Safety Sign - "Danger - High Voltage" (Spanish)	Self-Sticking Polyester	10 in. x 7 in.	1	44-865
	Voltage & Conduit Marker, 120/208V		9 in. x 2-1/4 in.	Card of 1	44-295
	Voltage & Conduit Marker, 277/480V		9 in. x 2-1/4 in.	Card of 1	44-298
	Voltage & Conduit Marker, 480V		9 in. x 2-1/4 in.	Card of 1	44-314
	Voltage & Conduit Marker, Danger		9 in. x 2-1/4 in.	Card of 1	44-289
	Voltage & Conduit Marker, High Voltage		9 in. x 2-1/4 in.	Card of 1	44-292
	Voltage & Conduit Marker, 120/208V		4-1/2 in. x 1-1/8 in.	Card of 4	44-296
	Voltage & Conduit Marker, 277/480V		4-1/2 in. x 1-1/8 in.	Card of 4	44-299
	Voltage & Conduit Marker, 120V		4-1/2 in. x 1-1/8 in.	Card of 4	44-353
	Voltage & Conduit Marker, 208V		4-1/2 in. x 1-1/8 in.	Card of 4	44-355
	Voltage & Conduit Marker, 240V		4-1/2 in. x 1-1/8 in.	Card of 4	44-358
	Voltage & Conduit Marker, 480V		4-1/2 in. x 1-1/8 in.	Card of 4	44-364
	Voltage & Conduit Marker, 277V		2-1/4 in. x 1/2 in.	Card of 18	44-410

SAFETY

UNDERGROUND TAPE

DETECTABLE UNDERGROUND TAPES

	Legend	Color	Size	Thickness	Elongation	Composition	Tensile Strength	Part No.
	Caution Buried Electric Line Below	Red	3 in. x 1,000 ft.					42-201
	Caution Buried Electric Line Below	Red	6 in. x 1,000 ft.	5.0 Mils ¹	80% ²	Bottom Layer: PE Top Layer: PET Foil Industry Standard ³	32 lbs./in. (15,000 PSI) ⁴	42-251
	Caution Buried Fiber Optic Line Below	Orange	6 in. x 1,000 ft.					42-252







¹ASTMD2103 Standard Specification

²ASTMD882-75B Standard Specification

³IDEAL Specifications

⁴ASTMD882 Standard Specification

NON-DETECTABLE UNDERGROUND TAPES

	Legend	Color	Size	Thickness	Elongation	Composition	Tensile Strength	Part No.
	Caution Buried Electric Line Below	Red	3 in. x 1,000 ft.					42-101
	Caution Buried Electric Line Below	Yellow	3 in. x 1,000 ft.					42-102
	Caution Buried Telephone Line Below	Orange	3 in. x 1,000 ft.					42-103
	Caution Buried Fiber Optic Line Below	Orange	3 in. x 1,000 ft.	4.0 Mils ¹	500% ²	LDPE ³	2,750 PSI ⁴	2-104
	Caution Buried Electric Line Below	Red	6 in. x 1,000 ft.					42-151
	Caution Buried Electric Line Below	Yellow	6 in. x 1,000 ft.					42-152

¹ASTMD2103 Standard Specification

²ASTMD882-75B Standard Specification







³IDEAL Specifications

⁴ASTMD882 Standard Specification

SAFETY

BARRICADE TAPES

BARRICADE TAPES

	Legend	Color	Size	Thickness	Elongation	Composition	Tensile Strength	Part No.
	Caution	Yellow	3 in. x 1,000 ft.	4.0 Mils	≥400% ¹	LDPE ²	2,350 PSI TD; 1,893 PSI MD ³	42-001
	Caution Do Not Enter	Yellow	3 in. x 1,000 ft.					42-002
	Caution High Voltage	Yellow	3 in. x 1,000 ft.					42-003
	Danger	Red	3 in. x 1,000 ft.					42-051
	Danger High Voltage	Red	3 in. x 1,000 ft.					42-052
	Caution Do Not Enter	Yellow	3 in. x 1,000 ft.	2.0 Mils				42-012

¹ASTMD882-75B Standard Specification

²IDEAL Specifications

³ASTMD882 Standard Specification

SAFETY

CIRCUIT BREAKER COMPATIBILITY CHART

Mfg.	Breaker Classification	Breaker Type	# of Poles	IDEAL Standard Breaker Lockouts					EZ Panel Loc™	
				1-Pole Snap-On w/hole 44-810	120/277V Clamp On 44-809	480/600V Clamp On 44-807	Oversize 480/660V 44-823	Multi-pole w/tie bar 44-783	Snap On (SQD QO) 44-768	Clamp On (universal) 44-764
ABB		JS	2-3			*				
ABB		S3	3			*				
Airpax		Airpax	1		*					
American Switch		C	1							
American Ckt. Bkr.		NEF	3		*					
American Ckt. Bkr.		NJJ	3							
Bryant		BR	1							
Bryant		BR	2-3							
Challenger		C	1							
Challenger	Type C	C	2-3							
Challenger	Same as W DK	CDK								
Challenger		LM	1							
Challenger		NEJ	1-2		*					
Crouse Hinds		MP	2							
Cutler Hammer		BA	1							
Cutler Hammer		CH	1							
Cutler Hammer		CH	2-3							
Cutler Hammer		CH2	4							
Cutler Hammer		CHB	3							
Cutler Hammer	Quicklag	BAB	1							
Cutler Hammer	Quicklag	BAB	2-3							
Cutler Hammer	BR	BD	1							
Cutler Hammer	BR	BR	1							
Cutler Hammer	BR	BR	2-3							
Cutler Hammer	BR	BRH	1							
Cutler Hammer	BR	BRH	2-3							
Cutler Hammer	BR	BRHH	2							
Cutler Hammer	CH	CH	1							
Cutler Hammer	CH	CH	2-3							
Cutler Hammer		CHH	3		*					
Cutler Hammer	CH	CH2	4							
Cutler Hammer	CH	CHB	1							
Cutler Hammer	CH	CHB	2-3							
Cutler Hammer	K-Frame	CHKD	2-3							
Cutler Hammer	L-Frame	CHLD	2-4							
Cutler Hammer	M-Frame	CHMDL	2-3							
Cutler Hammer	N-Frame	CHND	2-4							
Cutler Hammer	CH	CHP	1							
Cutler Hammer	CH	CHP	2-3							
Cutler Hammer	CH	CHQ	1							
Cutler Hammer	CH	CHQ	2							
Cutler Hammer	CH	CHSW	2-3							
Cutler Hammer	K-Frame	CKD	2-3							
Cutler Hammer	CL	CL	1							

SAFETY

CIRCUIT BREAKER COMPATIBILITY CHART

Mfg.	Breaker Classification	Breaker Type	# of Poles	IDEAL Standard Breaker Lockouts					EZ Panel Loc™	
				1-Pole Snap-On w/hole 44-810	120/277V Clamp On 44-809	480/600V Clamp On 44-807	Oversize 480/660V 44-823	Multi-pole w/tie bar 44-783	Snap On (SQD QO) 44-768	Clamp On (universal) 44-764
Cutler Hammer	CL	CL	2							
Cutler Hammer	L-Frame	CLD	2-4							
Cutler Hammer		CLDC	2-4							
Cutler Hammer	CL	CLR	1-2							
Cutler Hammer	M-Frame	CMDL	2-3							
Cutler Hammer	N-Frame	CND	2-4							
Cutler Hammer	N-Frame	CNDC	2-4							
Cutler Hammer	CH	CSR	1							
Cutler Hammer	K-Frame	DK	2-3							
Cutler Hammer	E125-Frame	E125B	1-4							
Cutler Hammer	E125-Frame	E125E	1-4							
Cutler Hammer	E125-Frame	E125H	1-4							
Cutler Hammer	E125-Frame	E125S	1-4							
Cutler Hammer	F-Frame	ED	2-4							
Cutler Hammer	F-Frame	EDC	2-4							
Cutler Hammer	F-Frame	EDH	2-4							
Cutler Hammer	E125-Frame	EFH	1-4							
Cutler Hammer	E125-Frame	EGB	1-4							
Cutler Hammer	E125-Frame	EGE	1-4							
Cutler Hammer	E125-Frame	EGS	1-4							
Cutler Hammer		EHC	1-4							
Cutler Hammer	F-Frame	EHD	1-4							
Cutler Hammer	Tri Pac Cur. Lim	FB	2-3							
Cutler Hammer		FC	1-4							
Cutler Hammer	F-Frame	FD	1-4							
Cutler Hammer	F-Frame	FDB	2-4							
Cutler Hammer	F-Frame	FDC	2-4							
Cutler Hammer	F-Frame	FS	2-3							
Cutler Hammer	Tri Pac Cur. Lim	FB	2-3							
Cutler Hammer		FC								
Cutler Hammer	F-Frame	FD	1-4							
Cutler Hammer	F-Frame	FDB	2-4							
Cutler Hammer	F-Frame	FDC	2-4							
Cutler Hammer	F-Frame	FS	2-3							
Cutler Hammer	G-Frame	GB	1-3							
Cutler Hammer	G-Frame	GC	1-3							
Cutler Hammer	G-Frame	GD	1-3							
Cutler Hammer		GDB	1-3							
Cutler Hammer	G-Frame	GHB	1-3							
Cutler Hammer	G-Frame	GHBGFEP	1							
Cutler Hammer	G-Frame	GHC	1-3							
Cutler Hammer	G-Frame	GHC GFEP	1							
Cutler Hammer	Quicklag	HBAW	1							

SAFETY

CIRCUIT BREAKER COMPATIBILITY CHART

Mfg.	Breaker Classification	Breaker Type	# of Poles	IDEAL Standard Breaker Lockouts					EZ Panel Loc™	
				1-Pole Snap-On w/hole 44-810	120/277V Clamp On 44-809	480/600V Clamp On 44-807	Oversize 480/660V 44-823	Multi-pole w/tie bar 44-783	Snap On (SQD QO) 44-768	Clamp On (universal) 44-764
Cutler Hammer	Quicklag	HBAW	2-3							
Cutler Hammer	Quicklag	HBAX	1							
Cutler Hammer	Quicklag	HBAX	2-3							
Cutler Hammer		HFD	1-4							
Cutler Hammer	G-Frame	HGHB	1							
Cutler Hammer	G-Frame	HGHC	1							
Cutler Hammer		HJD	2-4							
Cutler Hammer	K-Frame	HKD	2-4							
Cutler Hammer	L-Frame	HLD	2-4							
Cutler Hammer		HLD	2-3							
Cutler Hammer		HMCP	2-3							
Cutler Hammer	L-Frame	HMCP	3							
Cutler Hammer	J-Frame	HMCP	3							
Cutler Hammer	K-Frame	HMCP	3							
Cutler Hammer	L-Frame	HMCP	3							
Cutler Hammer	F-Frame	HMCP	3-4							
Cutler Hammer	M-Frame	HMDL	2-3							
Cutler Hammer	M-Frame	HMDLB	2-3							
Cutler Hammer		HMPL	3			*				
Cutler Hammer	N-Frame	HND	2-4			*				
Cutler Hammer	Quicklag Type P	HQP	1							
Cutler Hammer	Quicklag Type P	HQP	2							
Cutler Hammer	J-Frame	JD	2-4							
Cutler Hammer	J-Frame	JDB	2-3							
Cutler Hammer	J-Frame	JDC	2-4							
Cutler Hammer	K-Frame	KD	2-4							
Cutler Hammer	K-Frame	KDB	2-4							
Cutler Hammer	K-Frame	KDC	2-4							
Cutler Hammer	Tri Pac Cur. Lim	LA	2-3							
Cutler Hammer	L-Frame	LD	2-4							
Cutler Hammer	L-Frame	LDB	2-3							
Cutler Hammer	L-Frame	LDC	2-4							
Cutler Hammer		LH	3							
Cutler Hammer		LHB	3							
Cutler Hammer	Type CC	LJ	3							
Cutler Hammer		MA	2-3			*				
Cutler Hammer		MC	2-3			*				

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CIRCUIT BREAKER COMPATIBILITY CHART

Mfg.	Breaker Classification	Breaker Type	# of Poles	IDEAL Standard Breaker Lockouts					EZ Panel Loc™	
				1-Pole Snap-On w/hole 44-810	120/277V Clamp On 44-809	480/600V Clamp On 44-807	Oversize 480/660V 44-823	Multi-pole w/tie bar 44-783	Snap On (SQD QO) 44-768	Clamp On (universal) 44-764
Cutler Hammer	M-Frame	MD	2-3							
Cutler Hammer	M-Frame	MDL	2-3							
Cutler Hammer	M-Frame	MDS	2-3							
Cutler Hammer	Tri Pac Cur. Lim	NB	2-3							
Cutler Hammer	N-Frame	ND	2-4			*				
Cutler Hammer	N-Frame	NDC	2-4			*				
Cutler Hammer	N-Frame	OPTIM	3			*				
Cutler Hammer	Tri Pac Cur. Lim	PB	2-3							
Cutler Hammer	Quicklag	QBGF	1							
Cutler Hammer	Quicklag	QBGF	2							
Cutler Hammer	Quicklag	QBGFEP	1							
Cutler Hammer	Quicklag	QBGFEP	2							
Cutler Hammer	Quicklag	QBHGF	1							
Cutler Hammer	Quicklag	QBHGFEP	1							
Cutler Hammer	Quicklag	QBHW	1							
Cutler Hammer	Quicklag	QBHW	2-3							
Cutler Hammer	Quicklag Type P	QC	1							
Cutler Hammer	Quicklag Type P	QC	2-3							
Cutler Hammer	Quicklag Type P	QCD	1							
Cutler Hammer	Quicklag Type P	QCD	2-3							
Cutler Hammer	Quicklag	QCGF	1							
Cutler Hammer	Quicklag	QCGFEP	1							
Cutler Hammer	Quicklag	QCHGF	1							
Cutler Hammer	Quicklag	QCHGFEP	1							
Cutler Hammer	Quicklag	QCHW	1							
Cutler Hammer	Quicklag	QCHW	2-3							
Cutler Hammer	Quicklag	QHCW	1							
Cutler Hammer	Quicklag	QHCW	2-3							
Cutler Hammer	Quicklag	QH CX	1							
Cutler Hammer	Quicklag	QH CX	2-3							
Cutler Hammer	Quicklag	QH PW	1							
Cutler Hammer	Quicklag	QH PW	2-3							
Cutler Hammer	Quicklag	QH PX	1							
Cutler Hammer	Quicklag	QH PX	2-3							
Cutler Hammer	Ground Fault	QPGF	1							
Cutler Hammer		QPGF	2							

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CIRCUIT BREAKER COMPATIBILITY CHART

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Cutler Hammer	Ground Fault	QPGFEP	1							
Cutler Hammer		QPGFEP	2							
Cutler Hammer	Ground Fault	QPHGF	1							
Cutler Hammer	Ground Fault	QPHGFEP	1							
Cutler Hammer	Quicklag	QPHW	1							
Cutler Hammer	Quicklag	QPHW	2-3							
Fed.Pacific Elec.		2B	2							
Fed.Pacific Elec.		BAB	1							
Fed.Pacific Elec.		NA-Single	3			*				
Fed.Pacific Elec.		NA-tie bar	2							
Fed.Pacific Elec.		NB	1			*				
Fed.Pacific Elec.		NBH GFI	1							
Fed.Pacific Elec.		NE/NEF	1-3		*					
Fed.Pacific Elec.		NEJ	1-3		*					
Fed.Pacific Elec.		NFJ	1-3							
Fed.Pacific Elec.		NJJ	1-3							
Fed.Pacific Elec.		NJL	1-3							
Fed.Pacific Elec.		NM	1-3							
Fed.Pacific Elec.		NP-single	1							
Frank Adams	FA Quicklag	P	1							
FUJI Electric		BU-ESA	3		*					
FUJI Electric		BU-ESB	3		*					
FUJI Electric		BU-FSB	3		*					
FUJI Electric		EA203B	3		*					
FUJI Electric		EA53B	3		*					
General Electric		EH400	3							
General Electric	Type C	HQC	3							
General Electric	SE150	SED	2-3							
General Electric	Q Line	THHQB	2-3							
General Electric	SE150	SEL	2-3							
General Electric	SE150	SEP	2-3							
General Electric	SF250	SFH	2-3							
General Electric	SF250	SFL	2-3							
General Electric	SF250	SFP	2-3							
General Electric		SGD	2-3							
General Electric		SGH	2-3							
General Electric		SGL	2-3							
General Electric		SGLA	2-3							

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CIRCUIT BREAKER COMPATIBILITY CHART

Mfg.	Breaker Classification	Breaker Type	# of Poles	IDEAL Standard Breaker Lockouts					EZ Panel Loc™	
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General Electric		SGP	2-3							
General Electric		SRPG	3							
General Electric		TB	2		*					
General Electric		TBC	2		*					
General Electric	Tri Break	TB1								
General Electric	Tri Break	TB4								
General Electric	Tri Break	TB6								
General Electric	Tri Break	TB8								
General Electric	Mag Break	TBC4								
General Electric	Mag Break	TBC6								
General Electric	Mag Break	TBC8								
General Electric	E150	TE	1-3		*					
General Electric	E150	TEB	1-3		*					
General Electric	E150	TED	1-3		*					
General Electric		TEF	1-3		*					
General Electric	E150	TEL	3		*					
General Electric	Mag Break	TEML	3		*					
General Electric	E150	TEY	1-3		*					
General Electric	E150	TF	1-3		*					
General Electric	Mag Break	TFC	3		*					
General Electric	F225	TFJ	2-3							
General Electric	F225	TFK	2-3							
General Electric	F225	TFL	3							
General Electric	Like TED	THED	1-3		*					
General Electric	Like TED	THEF	1-3		*					
General Electric	F225	THFK	2-3							
General Electric	Q Line	THHQB-A	1							
General Electric	Q Line	THHQB-S	1							
General Electric	Q Line	THHQB	2-3							
General Electric	Q Line	THHQC-A	1							
General Electric	Q Line	THHQC-S	1							
General Electric	Q Line	THHQL	2-3							
General Electric	Q Line	THHQL-A	1							
General Electric	Q Line	THHQL-S	1							
General Electric	J600	THJK4	2-3			*				
General Electric	J600	THJK6	2-3			*				
General Electric	K1200	THKM12	2-3							
General Electric	K1200	THKM8	2-3							

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CIRCUIT BREAKER COMPATIBILITY CHART

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General Electric	THLC Current Limiting	THLC1	3		*					
General Electric	Q Line	THQB	2-3							
General Electric	Q Line	THQB-A	1							
General Electric	Q Line	THQB-S	1							
General Electric	Q Line	THQC	2-3							
General Electric	Q Line	THQC-A	1							
General Electric	Q Line	THQC-AL	2-3							
General Electric	Q Line	THQC-S	1							
General Electric	Q Line	THQD	2-3		*					
General Electric	Q Line	THQDBL	3							
General Electric	Q Line	THQL	2-3							
General Electric	Q Line	THQL-A	1							
General Electric	Q Line	THQL-S	1							
General Electric		TJ2	2-3			*				
General Electric		TJ4	3							
General Electric	Mag Break	TJC	2-3		*					
General Electric	TJ-D432400WL	TJD	2-3			*				
General Electric	J600	TJJ	2-3			*				
General Electric		TJK	2-3			*				
General Electric	J600	TJK4	2-3							
General Electric	TJK636F000	TJK6	2-3							
General Electric	TJS3604S	TJS	2-3			*				
General Electric	MicroVersa-Trip	TK4V	3							
General Electric	Mag Break	TKC	3		*					
General Electric		TKM	2-3							
General Electric	TKM4365000	TKM4								
General Electric	K1200	TKM8	2-3							
General Electric	Q Line	THHQB	2-3							
General Electric	Q Line	TQB	2-3							
General Electric	Q Line	TQB-A	1							
General Electric	Q Line	TQB-S	1							
General Electric	Q Line	TQC	2-3							
General Electric		TQC-A	1							
General Electric		TQC-S	1							
General Electric	Q Line	TQD	2-3							
General Electric	Q Line	TQL-A	1							
General Electric	Q Line	TQL-S	1							

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Heinemann		LB	1		*					
Heinemann		LF	1		*					
Heinemann		LJ	1		*					
Lemag		SD62	1							
Merlin Gerin		C1251N	3							
Merlin Gerin		C801N	3							
Merlin Gerin		CE104N	3		*					
Merlin Gerin		CK-1200NA	3							
Merlin Gerin	400 Amp Series	CJ	3			*				
Proteus		AC22BS5419	2							
Proteus		BSEN60947-3	2							
Siemens ITE		BL	1							
Siemens ITE		BL	2-3							
Siemens ITE		BLF-GFI	2							
Siemens ITE		BLH	1							
Siemens ITE		BLH	2-3							
Siemens ITE		BQ	1							
Siemens ITE		BQ	2-3							
Siemens ITE		BQCH	1-3							
Siemens ITE		BQD	3							
Siemens ITE		BQD	1-3							
Siemens ITE		BQH	1							
Siemens ITE		BQH	2-3							
Siemens ITE		CED6	2-3							
Siemens ITE		CFD6	2-3			*				
Siemens ITE		CFD6-ETI	2-3			*				
Siemens ITE		CJ3								
Siemens ITE		CJD6	2-3							
General Electric	Q Line	THHQB	2-3							
Siemens ITE		CLF	2							
Siemens ITE		CMD6	3							
Siemens ITE		CMD6-ETI	3							
Siemens ITE		CND6	3							
Siemens ITE		CPD6	3							
Siemens ITE		CQD	1-3		*					
Siemens ITE		E2	1-3							
Siemens ITE		E4	1-3							

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Siemens ITE		ED	1-3							
Siemens ITE		ED2	1-3							
Siemens ITE		ED4	1-3							
Siemens ITE		ED6	1-3							
Siemens ITE		ED6-ETI	3							
Siemens ITE		EE3	3		*					
Siemens ITE		EH3	3		*					
Siemens ITE		EQP	4							
Siemens ITE	F-Frame	ET	3		*					
Siemens ITE		FD6A	2-3			*				
Siemens ITE		FJ2-B	2-3		*	*				
Siemens ITE		FJ3	2			*				
Siemens ITE		FJ6	2			*				
Siemens ITE		FXD6A	2-3			*				
Siemens ITE		FXD6-ETI	2-3			*				
Siemens ITE		GF	1							
Siemens ITE		HBL	1							
Siemens ITE		HBL	2-3							
Siemens ITE		HBQ	1							
Siemens ITE		HBQ	2-3							
Siemens ITE		HE4	1-3							
Siemens ITE		HED4	1-3							
Siemens ITE		HED6	2-3							
Siemens ITE		HFD6	2-3			*				
Siemens ITE		HFXD6	2-3			*				
Siemens ITE		HHED6	2-3							
Siemens ITE		HHFD6	2-3			*				
Siemens ITE		HHJD6	2-3							
Siemens ITE		HHJXD6	2-3							
General Electric	Q Line	THHQB	2-3							
Siemens ITE		HJD6-A	2-3							
Siemens ITE		HJXD6	2-3							
Siemens ITE		HJXD6-A	2-3							
Siemens ITE		HMD6	2-3							
Siemens ITE		HMXD6	2-3							
Siemens ITE		HN3	2							
Siemens ITE		HND6	2-3							
Siemens ITE		HNXD6	2-3							

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CIRCUIT BREAKER COMPATIBILITY CHART

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Siemens ITE		HPD6	3							
Siemens ITE		HPXD6	3							
Siemens ITE		HQJ2-H	3							
Siemens ITE		HQP	1							
Siemens ITE		HQP	2-3							
Siemens ITE		HQPP	1							
Siemens ITE		HQPP	2-3							
Siemens ITE		HQPPH	2							
Siemens ITE		HRD6	3							
Siemens ITE		HRXD6	3							
Siemens ITE		JD2	3							
Siemens ITE		JD6-A	2-3							
Siemens ITE		JJ3								
Siemens ITE		JJ6	3							
Siemens ITE		JL3	3							
Siemens ITE		JXD2-A	2-3							
Siemens ITE		JXD6-A	2-3							
Siemens ITE		KM3	3							
Siemens ITE		LL3	3							
Siemens ITE		LL6	3							
Siemens ITE		LXD6-ETI	3							
Siemens ITE		MD6	2-3							
Siemens ITE		MXD6	2-3							
Siemens ITE		MXD6-ETI	2-3							
Siemens ITE		ND6	2-3							
Siemens ITE		NXD6	2-3							
Siemens ITE		PD6	3							
Siemens ITE		PXD6	3							
Siemens ITE		QJ2	2-3		*					
General Electric	Q Line	THHQB	2-3							
Siemens ITE		QJH2	2-3		*					
Siemens ITE		QP	1							
Siemens ITE		QP	2-3							
Siemens ITE		QP1	1							
Siemens ITE		QPH	1							
Siemens ITE		QPH	2-4							
Siemens ITE		QPH	2-3							
Siemens ITE		QPP	1							

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Siemens ITE		QPP	2-3							
Siemens ITE		QPPH	1							
Siemens ITE		QPPH	2-3							
Siemens ITE		RD6	3							
Siemens ITE		RXD6	3							
Siemens ITE	Solid State Trip Ckt. Bkr.	SCMD6	3							
Siemens ITE	Solid State Trip Ckt. Bkr.	SCND6	3							
Siemens ITE		SHLD6-A	3							
Siemens ITE	Solid State Trip Ckt. Bkr.	SHMD6	3							
Siemens ITE	Solid State Trip Ckt. Bkr.	SHND6	3							
Siemens ITE		SHPD6	3							
Siemens ITE	Solid State Trip Ckt. Bkr.	SMD6	3							
Siemens ITE	Solid State Trip Ckt. Bkr.	SND6	3							
Siemens ITE		SPD6	3							
Siemens ITE		VF3	3							
Simplex		NX	3							
Square D		EDB	1-3							
Square D		EGB	1-3							
Square D		EH4	1-3							
Square D		EHB	1-3							
Square D		EHB	2-3							
Square D		EJB	1-3							
Square D		EZ	3							
General Electric	Q Line	THHQB	2-3							
Square D	100 Amp Frame	FAL	1-3		*					
Square D	100 Amp Frame	FC	3		*					
Square D	100 Amp Frame	FCL	2-3		*					
Square D	FDA 34040	FDA	2-3							
Square D		FGA	3							
Square D	100 Amp Frame	FH	1-3		*					
Square D	100 Amp Frame	FHL	1-3		*					
Square D	100 Amp Frame	FHL-DC	3		*					
Square D		FHP	3		*					
Square D	100 Amp Frame	FI	3		*					

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Square D	100 Amp Frame	FIL	3		*					
Square D	100 Amp Frame	FY	1		*					
Square D	Mag Gard	GJL	3		*					
Square D	250 Amp Frame	KA	2-3		*					
Square D		KAL	2-3		*					
Square D		KAP	2-3							
Square D	250 Amp Frame	KC	2-3		*					
Square D		KCL	2-3		*					
Square D	250 Amp Frame	KH	2-3		*					
Square D		KHL	3		*					
Square D	250 Amp Frame	KI	2-3		*					
Square D	250 Amp Frame	KIL	2-3		*					
Square D		L2	3							
Square D	400 Amp Frame	LA	2-3			*				
Square D		LAL	2-3			*				
Square D		LAP	3			*				
Square D		LC	3							
Square D		LCP	3							
Square D	400 Amp Frame	LH	2-3			*				
Square D		LHL	3			*				
Square D		LHP	1-2			*				
Square D		LXL	3							
General Electric	Q Line	THHQB	2-3							
Square D	1000 Amp Frame	MA	2-3			*				
Square D		MAL	3							
Square D	1000 Amp Frame	MH	2-3			*				
Square D		MHL	2-3							
Square D		ML-1	3			*				
Square D		ML-3	3							
Square D		MXL	3							
Square D	250 Amp Frame	Q1B	2-3		*					*
Square D	250 Amp Frame	Q1L	2-3		*					*
Square D	250 Amp Frame	Q2	2-3							

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Square D	250 Amp Frame	Q2H	2-3		*					
Square D	250 Amp Frame	Q2L	2-3		*					
Square D	250 Amp Frame	Q2MT	2-3		*					
Square D	400 Amp Frame	Q4	2-3			*				
Square D	400 Amp Frame	Q4L	2-3			*				
Square D	QO	QO	1							
Square D	QO	QO	2-3							
Square D	QO	QOB	1							
Square D	QO	QOB	2-3							
Square D	QO	QOB-H	2							
Square D	QO	QOB-VH	1							
Square D	QO	QOB-VH	2-3							
Square D	QO	QO-H	2							
Square D	Main Circuit Breaker QO	QOM1-VH	2							
Square D	Main Circuit Breaker QO	QOM2-VH	2							
Square D	QO	QO-SWN	2-3							
Square D	DIN Rail Mnt QO	QOU	1							
Square D	DIN Rail Mnt QO	QOU	2-3							
Square D	DIN Rail Mnt QO	QOU w/tie	2-3							
Square D	QO	QO-VH	1							
Square D	QO	QO-VH	2-3							
General Electric	Q Line	THHQB	2-3							
Square D		YI								
Sylvania GTE		QC	2							
Sylvania GTE		Type C	2							
Thomas & Betts		F Frame	1-3							
Toshiba		E225B	3		*					
Westinghouse		BA	1-3							
Westinghouse		BA w/tie bar	2-3							
Westinghouse		BA	1							
Westinghouse		BAB	1-3							
Westinghouse		BR	1-3							
Westinghouse		BR	2-3							
Westinghouse		BR w/tie bar	2-3							

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CIRCUIT BREAKER COMPATIBILITY CHART

Mfg.	Breaker Classification	Breaker Type	# of Poles	IDEAL Standard Breaker Lockouts					EZ Panel Loc™	
				1-Pole Snap-On w/hole 44-810	120/277V Clamp On 44-809	480/600V Clamp On 44-807	Oversize 480/660V 44-823	Multi-pole w/tie bar 44-783	Snap On (SQD QO) 44-768	Clamp On (universal) 44-764
Westinghouse		BRH w/tie bar	2-3							
Westinghouse		CA	2		*					
Westinghouse		DA	2-3							
Westinghouse		DK	3							
Westinghouse		EB	1-3		*					
Westinghouse		ED	2-3							
Westinghouse		EH	1-3							
Westinghouse		EHB	1-3		*					
Westinghouse		EHD	1-3							
Westinghouse		FA	3		*					
Westinghouse		FB	2-3		*					
Westinghouse		FD	1-4							
Westinghouse		FDB	2-4							
Westinghouse		FDC	2-4							
Westinghouse	For Fire Protection	FP	3			*				
Westinghouse		GB	1-3							
Westinghouse		GBH	1-3							
Westinghouse		GHB	1-3							
Westinghouse		GR	3							
Westinghouse		HBAW	1							
Westinghouse		HBAX	1							
Westinghouse		HCA	3		*					
Westinghouse		HFB	1-3		*					
Westinghouse		HFD	1-4							
Westinghouse		HKD	3							
Westinghouse		HLA	3							
Westinghouse		HLB	2-3							
Westinghouse		HMC	3							
Westinghouse		HMCP	3		*					
Westinghouse		HNC	3							
Westinghouse		HQNP	3							
Westinghouse		HQP	1							
Westinghouse		JA	2-3							
Westinghouse		JB	3							
Westinghouse		JD	2-4							
Westinghouse		JDB	3							
Westinghouse		KA	3			*				

LOCKOUT/TAGOUT







CIRCUIT BREAKER COMPATIBILITY CHART

Mfg.	Breaker Classification	Breaker Type	# of Poles	IDEAL Standard Breaker Lockouts					EZ Panel Loc™	
				1-Pole Snap-On w/hole 44-810	120/277V Clamp On 44-809	480/600V Clamp On 44-807	Oversize 480/660V 44-823	Multi-pole w/tie bar 44-783	Snap On (SQD QO) 44-768	Clamp On (universal) 44-764
Westinghouse		KB	2-3							
Westinghouse		LA	3			*				
Westinghouse		LB	3							
Westinghouse		LBB	3							
Westinghouse		LH	3							
Westinghouse		MA	2-3			*				
Westinghouse		MC	2-3			*				
Westinghouse		MCC	2-3			*				
Westinghouse		MCPO	3		*					
Westinghouse		NB	2-3							
Westinghouse		P	3							
Westinghouse		QBHW	1							
Westinghouse		QC	1							
Westinghouse	Quicklag C	QC	3							
Westinghouse		QCHQ	1							
Westinghouse		QHCW	1							
Westinghouse		QHCX	1							
Westinghouse		QHPW	1							
Westinghouse		QPHW	1							
Westinghouse		Quicklag P	1-3							
Westinghouse		RE	1-2							
Westinghouse		RH	3							
Westinghouse		WPHX	1							
Zinsco		HQB	3							
Zinsco		QB	1							
Zinsco		QCB	2							
Zinsco		Type Q	1							
Zinsco		Type T	1							







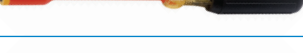

* Cleat Needed

LOCKOUT/TAGOUT INSULATED HAND TOOLS

INSULATED HAND TOOLS

	Description	Size	Quantity	Part No.
	Multi-Crimp Tool	9-3/4 in.	1	30-9429
	Linesman Pliers	9-1/4 in.	1	30-9430
	Diagonal Cutting Pliers w/Angled Head	8 in.	1	35-9029
	Long-Nose Pliers	8-1/2 in.	1	35-9038
	Cable Cutter	9-1/2 in.	1	35-9052
	Tongue & Groove Pliers	10 in.	1	35-9420
	Electrician's Skinning Knife	—	1	35-9340
	T®-Stripper Wire Stripper, 10 – 18 AWG Solid or 12 – 20 AWG Stranded	—	1	45-9120







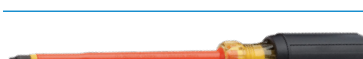

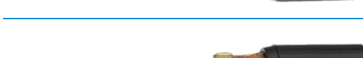
INSULATED NUT DRIVERS

	Description	Size	Blade Length	Quantity	Part No.
	Nut Drivers	3/16 in.	5 in.	1	35-9290
		1/4 in.		1	35-9291
		5/16 in.		1	35-9292
		11/32 in.		1	35-9293
		3/8 in.		1	35-9294
		7/16 in.		1	35-9295
		1/2 in.		1	35-9296
		9/16 in.		1	35-9297

SAFETY

INSULATED HAND TOOLS

INSULATED SCREWDRIVERS

	Description	Size	Tip Type	Blade Length	Quantity	Part No.
	Screwdriver	7/32 in.	Slotted	5 in.	1	35-9147
		3/32 in.		3 in.	1	35-9148
		1/8 in.		4 in.	1	35-9149
		1/4 in.		4 in.	1	35-9150
		1/4 in.		6 in.	1	35-9151
		5/16 in.		7 in.	1	35-9166
		3/8 in.		8 in.	1	35-9168
		#0		Phillips	2-3/8 in.	1
		#1	3-3/16 in.		1	35-9193
		#2	4 in.		1	35-9194
		#3	6 in.		1	35-9196
		#0	Square	6 in.	1	35-9690
		#1			1	35-9691
		#2			1	35-9693
		#3			1	35-9695

SAFETY

INSULATED SCREWDRIVER | NUT DRIVER SETS

INSULATED SCREWDRIVER & NUT DRIVER SETS



Item #	Description	Quantity		
35-9290	3/16 in. Nut Driver	1	—	—
35-9291	1/4 in. Nut Driver	1	—	—
35-9292	5/16 in. Nut Driver	1	—	—
35-9294	3/8 in. Nut Driver	1	—	—
35-9295	7/16 in. Nut Driver	1	—	—
35-9296	1/2 in. Nut Driver	1	—	—
35-9297	9/16 in. Nut Driver	1	—	—
35-9147	7/32 in. x 5 in. Slotted Screwdriver	—	1	—
35-9150	1/4 in. x 4 in. Slotted Screwdriver	—	1	1
35-9151	1/4 in. x 6 in. Slotted Screwdriver	—	1	—
35-9166	5/16 in. x 7 in. Slotted Screwdriver	—	1	—
35-9168	3/8 in. x 8 in. Slotted Screwdriver	—	1	—
35-9193	#1 x 3-3/16 in. Phillips Screwdriver	—	1	—
35-9194	#2 x 4 in. Phillips Screwdriver	—	1	1
35-9196	#3 x 6 in. Phillips Screwdriver	—	1	—
35-9690	#0 x 4 in. Square Screwdriver	—	1	—
35-9353	Hard Case	1	1	—

SAFETY

INSULATED HAND TOOL KITS

INSULATED HAND TOOL KITS









9-Piece 35-9108	Basic 35-9100	Standard 35-9101	Journeyman 35-9102

Item #	Description	Quantity			
30-9429	Multi-Crimp Tool	—	—	—	1
30-9430	Linesman Pliers	1	1	1	1
34-002	Fuse Puller, Medium	—	1	1	1
35-9029	Diagonal Cutting Pliers	1	1	1	1
35-9038	Long-Nose Pliers	1	1	1	1
35-9052	Cable Cutter	—	1	1	1
35-9147	7/32 in. x 5 in. Slotted Screwdriver	1	—	—	—
35-9150	1/4 in. x 4 in. Slotted Screwdriver	1	1	1	1
35-9151	1/4 in. x 6 in. Slotted Screwdriver	1	1	1	1
35-9166	5/16 in. x 7 in. Slotted Screwdriver	—	—	—	1
35-9168	3/8 in. x 8 in. Slotted Screwdriver	—	—	—	1
35-9193	#1 x 3-3/16 in. Phillips Screwdriver	1	—	1	1
35-9194	#2 x 4 in. Phillips Screwdriver	1	1	—	1
35-9196	#3 x 6 in. Phillips Screwdriver	—	—	—	1
35-9290	3/16 in. x 5 in. Nut Driver	—	—	—	1
35-9291	1/4 in. x 5 in. Nut Driver	—	—	—	1
35-9292	5/16 in. x 5 in. Nut Driver	—	—	—	1
35-9294	3/8 in. x 5 in. Nut Driver	—	—	—	1
35-9295	7/16 in. x 5 in. Nut Driver	—	—	—	1
35-9296	1/2 in. x 5 in. Nut Driver	—	—	—	1
35-9340	Skinning Knife	—	—	1	1
35-9420	Tongue & Groove Pliers, 10 in.	—	—	1	1
45-9120	Wire Stripper	1	1	1	1
44-916	1-1/2 in. Red Lockout Padlock	—	1	1	1
44-956	Circuit Breaker Lockout	—	1	1	1
44-957	Circuit Breaker Lockout	—	1	1	1
61-063	VoltSensor™ NCV Tester	—	—	1	1
35-9350	Soft Zipper Case	1	1	—	—
35-9352	Large Soft Zipper Case	—	—	—	1
35-9351	Large Soft Zipper Case	—	—	1	—

SAFETY

FUSE PULLERS

FUSE PULLERS

	Description	Voltage Size	Fuse Diameter	Overall Length	Material	Quantity	Part No.
	Safe-T-Grip® Small Fuse Puller	250V	9/32 in. - 1/2 in.	5 in.	Insulated Polypropylene	1	34-001
	Safe-T-Grip® Medium Fuse Puller	0 to 100A/250V 600V	1/2 in. - 1 in.	7-1/2 in.	Insulated Polypropylene	1	34-002
	Safe-T-Grip® Large Fuse Puller	31 to 600A/250V 31 to 400A/600V	3/4 in. - 2-1/2 in.	11-3/4 in.	Insulated Polypropylene	1	34-003
	Small Fuse Puller	0 to 30A/250V	1/4 in. - 1/2 in.	5 in.	Nylon	1	34-015
	Large Fuse Puller	0 to 100A/250V 0 to 60A/600V	9/16 in. - 1 in.	7-1/4 in.	Nylon	1	34-016
	Fuse Puller & Test Light	100A/250V 60A/600V	9/16 in. - 1 in.	—	—	1	34-012

SAFETY

WIRE CONNECTORS

WEATHERPROOF WIRE CONNECTORS ABOVE GRADE (GROUND) USE

- 100% Silicone-based sealant protects against moisture and corrosion
- UL Listed to 486G sealed twist-on wire connector for use in damp/wet locations or above-grade applications
- Easy to apply, pre-filled twist-on wire connectors
- Swept-wing design is built for comfort and efficiency
- Eliminates the need for heat-shrink or excessive taping
- Tough, UL 94V-2 flame-retardant shell rated at 105°C (221°F)

Model	Color	Wire Combination Range	Wire Combination Range (mm)	Quantity	Part No.
61°	Gray/Orange	600V* 22 to 14 AWG Min. 2 #20 - Max. 2 #14	600V* .34mm ² to 4,0mm ² Min. 2-.5mm ² - Max. 2-2,5mm ²	Card of 25	30-1161
				Jar of 150	30-1261J
				Carton of 1,000	30-1361
62°	Gray/Red	600V* 18 to 8 AWG Min. 3 #18 - Max. 2 #10 w/1 #14	600V* .75mm ² to 10,0mm ² Min. 2-1,5mm ² Sol. - Max. 2-6,0mm ²	Card of 20	30-1162
				Jar of 100	30-1262J
				Carton of 1,000	30-1362
63°	Gray/Dk. Blue	600V* 16 to 6 AWG Min. 3 #14 - Max. 5 #10	600V* 1,5mm ² to 16,0mm ² Min. 3-2,5mm ² Sol. - Max. 5-6,0mm ²	Card of 15	30-1163
				Jar of 50	30-1263J
				Carton of 1,000	30-1363



UNDERGROUND WIRE CONNECTORS BELOW GRADE (GROUND) USE

- 100% Silicone-based sealant protects against moisture and corrosion
- UL Listed to 486G sealed twist-on wire connector for use in damp/wet locations or direct burial/below-grade applications
- Easy to apply, pre-filled twist-on wire connectors
- Expanding, live-action square-wire spring for fast, secure and long-lasting connections
- Deep skirt provides superior moisture resistance to protect connections
- Tough, UL 94V-2 flame-retardant shell rated at 105°C (221°F)

Model	Color	Wire Combination Range	Wire Combination Range (mm)	Quantity	Part No.
60°	Gray/Gray	600V* 20 to 10 AWG Min. 1 #20 w/1 #18 Max. 1 #10 w/2 #12	600V* .5mm ² to 6,0mm ² Min. 1-.5mm ² w/1,75mm ² Max. 1-6,0mm ² w/2-4,0mm ²	Card of 25	30-1160
				Box of 100	30-1260
64°	Gray/Dk. Blue	600V* 18 to 8 AWG Min. 2 #18 Sol. - Max. 3 #10	600V* .75mm ² to 10,0mm ² Min. 2-.75mm ² Sol. - Max. 3-6,0mm ²	Box of 50	30-1264
66™	Gray/Dk. Blue	600V* 14 to 6 AWG Min. 3 #12 - Max. 2 #6 w/1 #10	600V* 2,5mm ² to 16,0mm ² Min. 3-4,0mm ² Sol. - Max. 2-16,0mm ² w/1-6,0mm ²	Box of 50	30-1066

*1,000V maximum fixtures and signs.



WEATHERPROOF & UNDERGROUND WIRE CONNECTOR COMBO PACKS

Model	Color	Quantity	Part No.
61°/62°	Gray/Orange · Gray/Red WeatherProof Wire Connectors	Card of 10 (5 ea.)	30-6162
60°/64°	Gray/Gray · Gray/Dk. Blue UnderGround Wire Connectors	Card of 10 (5 ea.)	30-6064

*1,000V maximum in fixtures and signs



WARNING: One time use only. Do not reuse connector.


SAFETY

WIRE CONNECTORS

TWISTER® AL/CU WIRE CONNECTORS

AL/CU CONNECTIONS

- Only aluminum-to-copper twist-on connector specifically designed to provide a secure connection while preventing aluminum corrosion.
- Pre-filled antioxidant compound prevents oxidation of aluminum conductors
- Patent swept wings and hexagonal head for easy installation by hand or with standard nut driver
- Live-action, square-wire spring expands and contracts with aluminum wire
- Entry cap retains corrosion-resistant compound
- Tough, UL 94V-2 flame-retardant compound
- Complies with N.E.C. Section #110-14(b) for aluminum-to-copper connections; UL Listed to 486C and CSA Certified to C22.2 #188

Model	Color	Wire Combination Ranges	Quantity	Part No.
65 	Purple	1 #10 Al solid w/1 or 2 #10 Cu solid 1 #10 Al w/1 or 2 #12 Cu 2 #10 Al solid w/1 #12 Cu 1 #10 Al w/1 or 2 #14 Cu 2 #10 Al solid w/1 #14 Cu 2 #12 Al solid w/1 #10 Cu 1 #12 Al solid w/1 or 2 #10 Cu 1 #12 Al stranded w/1 or 2 #10 Cu solid 1 #12 Al w/1 or 2 #12 Cu 2 #12 Al solid w/1 #12 Cu	Card of 2	30-065
			Card of 10	30-765
			Card of 25	30-165
			Box of 100	30-265
			Carton of 1,000	30-365

600V maximum building wire; 1,000V signs or light fixtures



Wire Connector
774A

Wire Connector
also listed as
grounding
equipment



AL-CU (intermixed - dry locations). For use with Aluminum-to-Copper, Copper Clad Aluminum (CCA)-to-Copper or CCA-to-CCA wire combinations. One-Time use only, do not reuse connector.

[For a complete listing of UL approved wire combinations, visit us at idealind.com](http://idealind.com)

NOALOX® ANTI-OXIDANT

- Anti-oxidant compound improves efficiency and service life of aluminum electrical connections
- Suspended zinc particles penetrate and cut aluminum oxide
- Provides additional inner-strand and inner-conductor current paths for improved conductivity and cooler connections
- Carrier material excludes air to minimize further oxidation
- For use with pressure-type wire connectors including lugs, taps, service entrances and split bolts
- Reduces galling and seizing when applied on aluminum conduit joints promoting good ground continuity



Description	Part No.
1/2-oz. Tube	30-024
4-oz. Squeeze Bottle	30-026
8-oz. Squeeze Bottle	30-030
8-oz. Brush Cap	30-031
1-gal. Bucket	30-032
5-gal. Bucket	30-040
55-gal. Drum	30-1216



SAFETY





WIRE CONNECTORS

POWER PLUG® LUMINAIRE DISCONNECTS

PUSH-IN TECHNOLOGY FOR QUICK CONNECTIONS

- Allows safe disconnect of hot and neutral ballast wiring
- Perfect for new, retrofit or OEM lighting installations
- Push-in technology results in quicker connections, saving time and increasing productivity
- Both halves are “touch-safe” per UL 2459
- Fits through 1/2” knockout

Selection Chart		
Application	New Installations	Retrofits
For 1-ballast fixtures	102	102, 182™
For 2-ballast, dimming and switching fixtures	103X	103X, 183

Model	Electrical Rating	Line Side	Ballast Side	Quantity	Part No.
102® 2-Wire 	6 Amps 600V Max.	Solid: 12 - 18 Stranded: 12 - 14 (≤19 Stranded) Stranded Tin-Bonded: 12 - 14 (≤19 Stranded) 16 (≤26 Stranded) 18 (≤16 Stranded)	Solid: 12 - 18 Stranded: 12 - 14 (≤19 Stranded) Stranded Tin-Bonded: 12 - 14 (≤19 Stranded) 16 (≤26 Stranded) 18 (≤16 Stranded)	Card of 25	30-372
				Jar of 75	30-382J
				Jar of 150	30-352J
				Box of 1,000	30-102
103 3-Wire 	6 Amps 600V Max.	Solid: 12 - 18 Stranded: 12 - 14 (≤19 Stranded) Stranded Tin-Bonded: 12 - 14 (≤19 Stranded) 16 (≤26 Stranded) 18 (≤16 Stranded)	Solid: 18 Stranded: Non Stranded Tin-Bonded: 18 (≤16 Stranded)	Card of 20	30-383X
				Jar of 100	30-353XJ
				Box of 1,000	30-103X
182™ 2-Wire 	3 Amps 600V Max.	Solid: 18	Solid: 18	Box of 100	30-082
				Box of 2,500	30-682
183 3-Wire 	3 Amps 600V Max.	Solid: 18	Solid: 18	Box of 100	30-083
				Box of 2,500	30-683


1,000V maximum in fixtures and signs



SPLICELINE® IN-LINE WIRE CONNECTORS

PATENTED PUSH-IN TECHNOLOGY

- Faster alternative to traditional butt splices
- Crimp-free, solderless push-in butt splice
- Slim design fits through 1/2 in. knockout
- Perfect for lengthening wire
- Transparent polycarbonate housing for visual inspection of connection
- Listed for UL 467

Model	Electrical Rating	Rating	Quantity	Part No.
42 	600V/20A 105°C	Solid: 12 - 20 Stranded: 12 - 16 (≤19 Stranded) Stranded Tin-Bonded: 14 - 18 (≤19 Stranded)	Bag of 10	30-1342S
			Box of 100	30-1042
			Jar of 300	30-1042J
			Box of 2,500	30-1642



SAFETY

FISH TAPES

VOLT-GUARD FISH TAPES

- Light-duty non-conductive tape for use around live circuits
- Elliptical design gives the Volt-Guard greater pushing power
- Repair kit available, order #31-541



Length (ft.)	Width x Thickness	Case Diameter	End Type	Tuff-Grip™ Pro	Replacement Tape
60	3/16 in. x .094"	12 in.	Non-Conductive Eyelet	31-542	30-552
120				31-544	31-554

S-CLASS® FIBERGLASS FISH TAPES

- Non-conductive tape for use around live circuits
- Structural glass core provides a more durable fiberglass tape
- Fiberglass cone with nylon outer jacket provides durability



Length (ft.)	Diameter	Case Diameter	End Type	Tuff-Grip™ Pro	Rapid-Pak®	Replacement Tape
50	3/16 in.	12 in.	Leader	31-060	31-187	31-150
			Metal Eyelet	31-062	31-190	31-160
			Non-Conductive Eyelet	31-086	–	31-200
100	3/16 in.	12 in.	Leader	31-061	31-186	31-152
			Metal Eyelet	31-063	31-189	31-162
			Non-Conductive Eyelet	31-087	–	31-201
200	3/16 in.	16 in.*	Leader	31-064	31-207	31-155
			Metal Eyelet	31-065	31-208	31-165
			Non-Conductive Eyelet	31-088	–	31-202

SAFETY

TEST & MEASUREMENT

SURETRACE™ CIRCUIT TRACER

The SureTrace™ Circuit Tracers are powerful, versatile, easy-to-use troubleshooting test tools for finding breakers and hidden wire problems in residential/commercial/industrial environments. These tracers work on closed (energized) and open (de-energized) circuits. They identify circuit breakers, find opens and shorts, and trace wires behind walls.

- Numeric value and variable audible tone for easy-to-understand tracing
- Super-bright display for easy-viewing
- Peak detecting bar graph for instantaneous signal strength indication
- Identifies breakers and fuses
- Pinpoints opens and shorts
- Traces wires behind walls
- Can be used on de-energized/energized circuits from 0-600V AC/DC
- Will not affect GFCIs or other sensitive equipment on the line
- Low battery indication
- Cat III-600V safety rating



Kit 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 Indicative Clamp and Battery Pack for use on 0 to 120V circuits carrying less than 5A 	✓	—	—
TL-956 Test Lead Set 	✓	✓	✓
CR-959 Cradle for RC-959 and RC-955 Receivers 	Sold Separately	Sold Separately	Sold Separately



LOCKOUT/TAGOUT TEST & MEASUREMENT

CIRCUIT BREAKER FINDER

- cULus 1436 certified, CAT II 150V
- Quickly and easily identifies circuit breakers/fuses without disrupting power on energized 120V AC circuits
- For use on energized circuits only
- Clear Visual and Audible indicators (Audibles can be muted)
- NCVT in receiver tip indicates presence of AC voltage between 80-300 volts.
- Flashlight in receiver operates independently of the tester functions and can be used to illuminate work area
- Transmitter tests outlet wiring configurations (indicated via Green/Red LEDs) and tests GFCIs
- Receiver powers off automatically after 5 minutes of non-use to conserve battery life



SURETEST® CIRCUIT ANALYZER

- True RMS
- Measures voltage drop under 12, 15 and 20-amp load
- Estimate current load on line
- Line voltage
- Peak voltage
- Frequency
- Ground impedance
- Hot and neutral conductor impedances
- Indicates false “bootleg” ground



Description	Part No.
Automatic Circuit Breaker Finder	61-535

Replaces 61-532 and 61-534



Description	Part No.
SureTest® Circuit Analyzer	61-164



DIGITAL MULTIMETERS

- cULus Listed
- CAT IV 600V, CAT III 1000V for 1000V models, CAT III 600V for 600V models
- Backlit displays
- IP52 Ingress protection (61-357 & 61-347)
- 2M drop protection (61-357 & 61-347); 1M drop protection (61-337 & 61-327)
- Lead Warning and Fuse Notification (61-357, 61-347 & 61-337)



61-357



61-347



61-337



61-327



Description	Part No.
1000V AC/DC Auto Range 6000 Count Multimeter w/NCVT, Temp., Bar Graph & LoZ	61-357
1000V AC/DC Auto Range 6000 Count Multimeter w/NCVT & Temp.	61-347
600V AC/DC Auto Range 4000 Count Multimeter w/NCVT & Temp.	61-337
600V AC/DC Manual Range 4000 Count Multimeter w/NCVT	61-327

LOCKOUT/TAGOUT TEST & MEASUREMENT

CLAMP & FORK METERS

- 1000A, 660A, 600A, 400A & 200A AC/DC models
- cULus, CE & RCM listed
- Patented TightSight® bottom display (61-775, 61-765, 61-757, 61-747 & 61-415)
- Built in flashlight (61-757, 61-747, 61-415, 61-405) and probe/lead holders (61-757, 61-747, 61-737, 61-415, 61-405)
- Magnetic strap mount (Available as optional part # UMHS-757 for models 61-757, 61-747, 61-737, 61-415, 61-405)



61-775

61-765

61-757

61-747

61-415

61-744

61-737

61-405

Description

1000A AC/DC TightSight® Clamp Meter w/Backlight

660A AC/DC TightSight® Clamp Meter w/Backlight

600A AC/DC 6000 Count TightSight® Clamp Meter w/Backlight & Flashlight

400A AC/DC 4000 Count TightSight® Clamp Meter w/Backlight & Flashlight

200A AC/DC TightSight® Clamp meter w/Backlight & Flashlight

600A AC 4000 Count Clamp-Pro™ Clamp Meter, 4000 Count & Flashlight

400A AC 4000 Count Clamp Meter w/Backlight

200A AC Split Jaw Meter w/Backlight & Flashlight

Part No.

61-775

61-765

61-757

61-747

61-415

61-744

61-737

61-405



LOCKOUT/TAGOUT TEST & MEASUREMENT

VOLTAGE TESTERS

- cULus Listed (all models)
- CAT IV 600V & CAT III 600V options
- Digital Multifunction, Analog and Solenoid Models
- IP42 Dustproof/Water (61-557 & 61-547)
- 2 Meter drop protection (61-557 & 61-547)
- Lead holders are spaced to test tamper-resistant outlets
- Bright LED flashlight, continuity, NCVT, GFCI test, LoZ (61-557)



Description	Part No.
6-600V AC/DC Voltage & Continuity Tester w/LCD, GFCI, Flashlight & NCVT	61-557
12-600V DC, 24-600V AC 8-Level AC/DC Voltage Indicator w/Polarity Indicator	61-547
5-600V AC/DC Vol-Con® Voltage/Continuity Tester	61-076
100-600V AC/DC Vol-Test® Voltage Tester	61-065

RECEPTACLE TESTERS

- cULus Certified (UL 1436, CSA C22.2 No. 160) for 120V AC circuits
- Detects common wiring problems in receptacles
- Confirms operation of GFCI protective devices



Description	Part No.
120V AC GFCI Receptacle/Voltage Tester	61-517
E-Z Check® Plus GFCI Circuit Tester	61-051
E-Z Check® Circuit Tester	61-035
120V AC GFCI Receptacle Tester	61-502

NON-CONTACT VOLTAGE TESTERS

- UL Listed
- CAT IV 1000V AC & CAT IV 600V AC models
- Dual and Single Range Models
- IP67 Dust Tight/Water Immersion Protection* (61-657 & 61-647)
- 2 Meter drop protection (61-657 & 61-647)
- Bright LED forward facing flashlight (3 models)
- Mute function (61-657, 61-647, 61-637)



Description	Part No.
Dual Range 12-1000V AC NCVT w/Flashlight	61-657
Single Range 50-1000V AC NCVT w/Flashlight	61-647
Single Range 24-600V AC NCVT w/Flashlight	61-637
Single Range 50-600V AC NCVT	61-627

INFRARED THERMOMETERS

- cULus Listed
- CLASS 2, IEC 60825-1:2014 Certification
- Optical spot size to distance ratio resolution 12:1 (61-847) & 10:1 (61-827)
- LCD backlit display
- 2M drop protection (61-847); 1M drop protection (61-827)
- Minimum, Maximum, Average, Difference, Adjustable Emmisivity (61-847)



Description	Part No.
Dual Laser Targeting 12:1 Infrared Thermometer	61-847
Single Laser Targeting 10:1 Infrared Thermometer	61-051

****ALWAYS confirm the absence of voltage with a contact type tester capable of measuring a specific voltage level.****

LOCKOUT/TAGOUT TEST & MEASUREMENT

PHASE ROTATION TESTERS

- For use up to 600V
- Identifies phase rotation
- Indicates motor rotation (61-521)
- Checks for open phases



61-520

61-521



INSULATION TESTERS

- Tests voltage, continuity, resistance and insulation resistance



61-797



61-795



GROUND ROD TESTERS

- Three-point fall of potential method (61-796)
- Clamp on technique, auto ranging (61-920)



61-796



61-920



Description	Part No.
3-Phase Sequence Tester	61-520
3-Phase Motor/Rotation Tester	61-521

Description	Part No.
Insulation Meter w/PI, DAR, 50, 100, 250, 500, 1000V DC Tests	61-797
Insulation Tester, 250, 500, 1000V DC Tests	61-795

Description	Part No.
3-Pole Ground Resistance Tester, 0-2000 Ω	61-796
Ground Resistance Clamp Meter, 0-1200Ω	61-920

SAFETY IN THE FIELD

IEC (International Electrotechnical Commission) Category Ratings

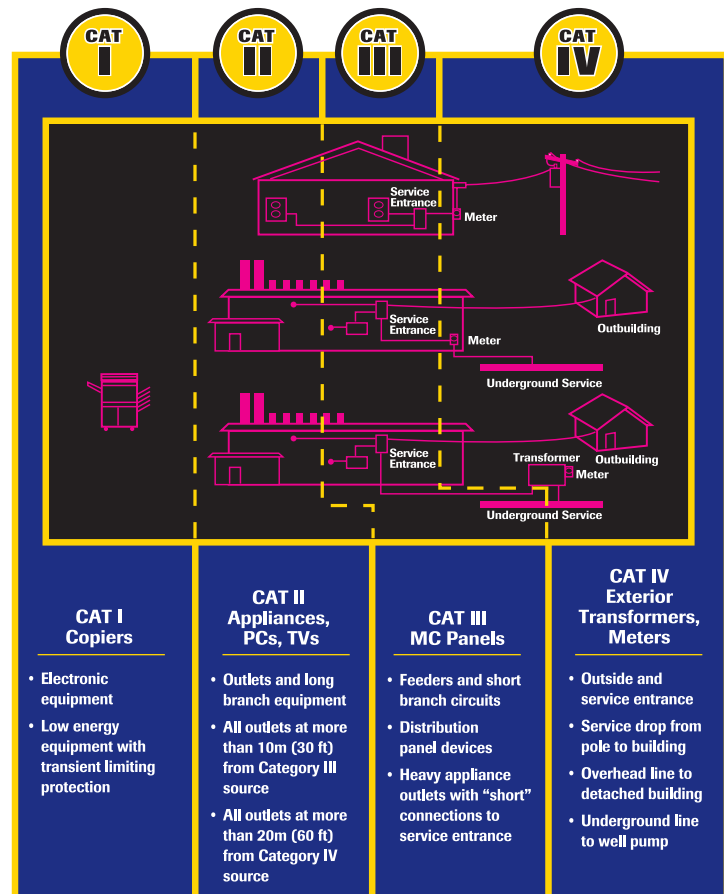
Category I - The signal level for telecommunications, electronic and other low-energy equipment with transient limiting protection. Peak impulse transient range is 600-4,000 volts with 30 ohm source.

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.

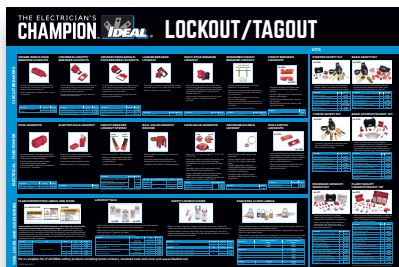
Visit ideanind.com for more technical product details, application support, white papers, videos and software.



MERCHANDISING

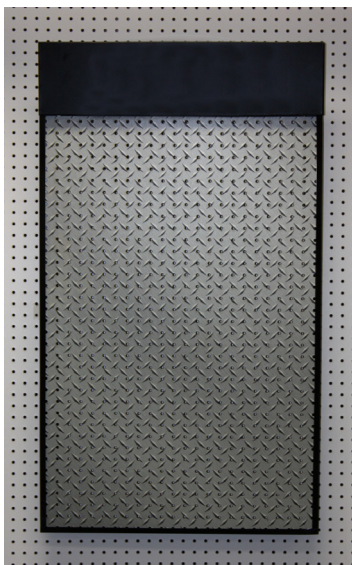
Your store's shelf is a battleground for the electrician's dollar. If it's advertising that gets customers into the store, it's merchandising that gets them to select the right products for the job once they are there. At IDEAL Electrical, we are dedicated to building in-store merchandising to maximize your sales by making key products stand out, educating the tradesman on the right tools for the job and giving them one-stop shop options to get everything they need and get back on the job site.

IDEAL Electrical merchandising solutions include our most basic racks and signage to our compelling and powerful Profit Center solutions. As the market leader in many of the categories we serve, you can count on IDEAL Electrical to be your category partner to drive profitable growth and deliver a shopping experience that is meaningful to the tradesman.



Posters

Posters can be an effective way to advertise and promote products. They are a visual means to capture the attention of customers.



Wall Displays

Gondolas, specialty displays, signage and accessories provide a clutter-free organized area in your store.



Rolling Displays

Arrange your displays and move them anywhere on your show-room floor with ease.



LOCKOUT SAFETY TIPS

1. LOCATE and IDENTIFY power sources, potential hazards and all control devices.
2. NOTIFY all employees involved.
3. TURN-OFF all power sources.
4. ISOLATE all power sources and de-energize or block all stored energy (springs, hydraulic, charged capacitors, pneumatic, etc.)

LOCK-OUT all switches and controls in the "OFF" or "SAFE" position.

TEST to insure that all energy is off or blocked out.

PERFORM necessary work.

REMOVE lockout devices when finished and notify all affected employees. Lock-out devices should only be removed by the employees who applied them.

TEST again to be sure equipment operates properly.

ALWAYS FOLLOW YOUR EMPLOYER'S SAFETY PROCEDURES.



A DIVISION OF



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