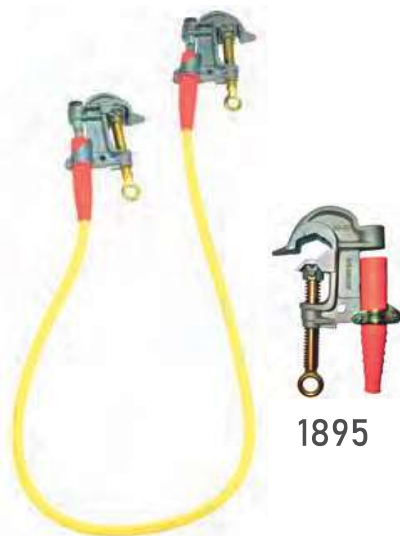


GROUNDING COMPLETE ASSEMBLIES

SINGLE GROUNDING ASSEMBLY

1/0 & 2/0 ground assemblies include tin plated copper ferrues and AL clamps 1895 (.16" - 1.5")

*4/0 is provided with a 5H rated clamp 21075 (.16" - 2")



Cable Length	1/0 Yellow	2/0 Yellow	*4/0 Yellow w/ 5H Clamp
3'	DAG1-10Y-03	DAG1-20Y-03	DAG1-40Y-03
6'	DAG1-10Y-06	DAG1-20Y-06	DAG1-40Y-06
8'	DAG1-10Y-08	DAG1-20Y-08	DAG1-40Y-08
10'	DAG1-10Y-10	DAG1-20Y-10	DAG1-40Y-10
15'	DAG1-10Y-15	DAG1-20Y-15	DAG1-40Y-15
30'	DAG1-10Y-30	DAG1-20Y-30	DAG1-40Y-30
45'	DAG1-10Y-45	DAG1-20Y-45	DAG1-40Y-45
50'	DAG1-10Y-50	DAG1-20Y-50	DAG1-40Y-50
75'	DAG1-10Y-75	DAG1-20Y-75	DAG1-40Y-75

***5H**
clamp with 4/0 cable



21075

THREE LEG GROUNDING SET ASSEMBLY

Three leg sets for use in vaults, ESS, low profile switch gears, sectionalizers, wall mounted metal switch cabinets.

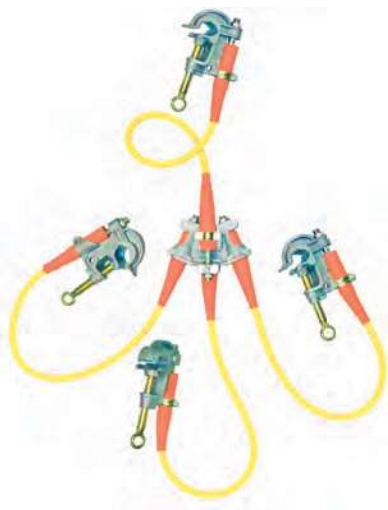
Includes: Tin-Plated Copper Ferrues and Brass Clamps 21069 (.12" - .83").



Cable Length	1/0 Yellow	2/0 Yellow	4/0 Yellow
3'	DAG3-10Y-03	DAG3-20Y-03	DAG3-40Y-03
6'	DAG3-10Y-06	DAG3-20Y-06	DAG3-40Y-06
8'	DAG3-10Y-08	DAG3-20Y-08	DAG3-40Y-08
10'	DAG3-10Y-10	DAG3-20Y-10	DAG3-40Y-10
15'	DAG3-10Y-15	DAG3-20Y-15	DAG3-40Y-15

FOUR LEG GROUNDING SET ASSEMBLY

Includes: Tin-Plated Copper Ferrues and AL Clamps 1895 (.16" - 1.5").



Cable Length	1/0 Yellow	2/0 Yellow	4/0 Yellow
3'	DAG4-10Y-03	DAG4-20Y-03	DAG4-40Y-03
6'	DAG4-10Y-06	DAG4-20Y-06	DAG4-40Y-06
8'	DAG4-10Y-08	DAG4-20Y-08	DAG4-40Y-08
10'	DAG4-10Y-10	DAG4-20Y-10	DAG4-40Y-10
15'	DAG4-10Y-15	DAG4-20Y-15	DAG4-40Y-15

UNDERGROUND DISTRIBUTION GROUNDING SETS

GROUNDING ELBOW SETS FOR SINGLE-PHASE OR THREE-PHASE SWITCHES & TRANSFORMERS

Both 15 kV and 25 kV elbows are available with connectors for 1/0 or 2/0 cable. Assembled sets for 15 kV and 25 kV are available for single phase or three phase grounding requirements. The fault duty rating for 200 amp grounding elbows is 10 kA for 10 cycles per IEEE 386.

SINGLE GROUNDING ASSEMBLY

Includes Elbows, Tin Plated Copper Ferrules and a Brass Clamp (21069).



Cable Size	Cat. ID	Length	Application
1/0	DAG1-10Y-6-E15	6'	15KV
1/0	DAG1-10Y-6-E25	6'	25KV
2/0	DAG1-20Y-6-E15	6'	15KV
2/0	DAG1-20Y-6-E25	6'	25KV

3 Leg Elbow Cluster Grounds

These standard three phase sets have a tri connector plate (22782) connecting all three legs to one neutral application clamp. Includes Elbows, Tin Plated Copper Ferrules and a Brass Clamp (21069).



Cable Size	Cat. ID	Length	Application
1/0	DAG3-10Y-6-E15	6'	15KV
1/0	DAG3-10Y-6-E25	6'	25KV
2/0	DAG3-20Y-6-E15	6'	15KV
2/0	DAG3-20Y-6-E25	6'	25KV
1/0	DAG3-10Y-8-E15	8'	15KV
1/0	DAG3-10Y-8-E25	8'	25KV
2/0	DAG3-20Y-8-E15	8'	15KV
2/0	DAG3-20Y-8-E25	8'	25KV

4 Leg Elbow Cluster Grounds

Standard three phase sets have a 4 ft. tail connecting to a 2374 four wire connector with 2 ft. leads for the elbows. Sets can be factory assembled to customer specifications. Provided with Tin Plated Copper Ferrules and a Brass Clamp (21069)



Cable Size	Cat. ID	Length	Application
1/0	DAG4-10Y-6-E15	6'	15KV
1/0	DAG4-10Y-6-E25	6'	25KV
2/0	DAG4-20Y-6-E15	6'	15KV
2/0	DAG4-20Y-6-E25	6'	25KV
1/0	DAG4-10Y-8-E15	8'	15KV
1/0	DAG4-10Y-8-E25	8'	25KV
2/0	DAG4-20Y-8-E15	8'	15KV
2/0	DAG4-20Y-8-E25	8'	25KV

Custom Grounds Assembly



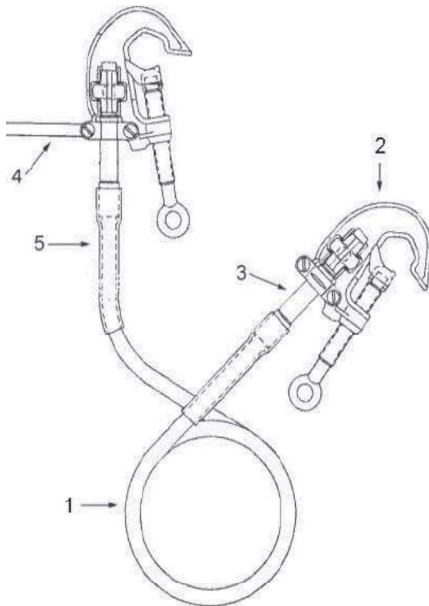
Custom Grounds & Jumpers made to your Specifications

At Divergent Alliance, we provide custom grounding cable building, testing, and repair services for utility workers in the Chicagoland area. We understand how to properly build and repair personal protective grounding sets and our electrical safety equipment testing will ensure that your grounding is effective for your safety.

HOW TO ORDER GROUND SETS

Choose Complete Assemblies
OR

Create a Custom Set by selecting Individual Components Below:



1. Cable

Select your cable Length, Jacket Type, and Adequate Capacity to Withstand Maximum Potential System Fault Current Magnitude and Full Time Duration

2. Clamps

Select clamps based on Clamping size range, Current Capacity, Application Clearance, and Terminal Connection Type (threaded or pressure type)

3. Ferrules

Ferrules are available in Aluminum or Copper, Fit Cable Size, and Connection Type to Match Clamp (threaded or pressure type)

4. Support Stud

This option recommended on only one clamp to help control lifting the set to the first clamp attachment point.

5. Shrink Tubing

This option recommended for stress relief and inspection of cable strands between ferrule and jacket.

NOTE: DO NOT USE WELDING CABLE ON GROUND SETS
 Responsibility for selection of the proper product or application rests solely with the purchaser

Grounds Testing

When was the last time your grounds and jumpers were tested?

Divergent Alliance offers repair, cleaning, testing, and certification programs to meet individual customer requirements. Collect all your used and potentially dangerous grounds and jumpers and have Divergent Alliance refurbish to like new condition.

Best Practices for Testing: Grounds & Jumpers			
	After Every Job	1 Year	If Damage Suspected
Grounds	Optional	Recommended	Required
Jumpers	Optional	Recommended	Required

Cat. ID RTP1 - Grounds Proof Test

Cat. ID RT-(length) - Retest & Clean

COPPER GROUNDING CABLE

Yellow	Clear						
Cat. ID	Cat. ID	AWG	Str. Dia.	15 Cycles*	30 Cycles*	Continuous Current	1,000FT / lbs Y C
2136	2128	#2	.35"	14,500	10,000	200	282 289
2137	2129	1/0	.45"	21,000	15,000	250	488 520
2138	2133	2/0	.49"	27,000	20,000	300	537 546
2139	2288	4/0	.62"	43,000	30,000	400	836 841
*Short Circuit Withstand AMPS, RMS, 60Hz Black Jacket Cable also Available							



Yellow Cable Jacket: Thermoplastic Elastomer (TPE)

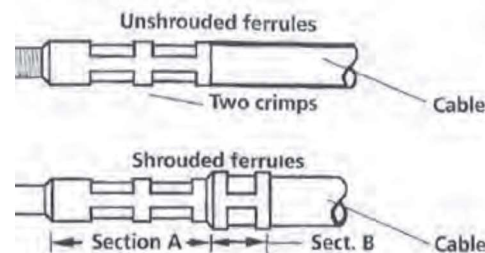
Clear Cable Jacket: Clear polyvinyl chloride (PVC)

This superior quality grounding cable is furnished with 30 ga. (class K) ASTM Class B flexible soft drawn electrolytic copper. The extra fine strands allow for greater flexibility and handling ease. A water-resistant safety insulator separates the outer sheath.

TIN PLATED COPPER FERRULES



	Cable	Cat. ID	Description	T&B Strand Die (Sect. A)
A	#2	2022	Unshrouded - Threaded	50
	1/0	2023	Unshrouded - Threaded	50
	2/0	2024	Unshrouded - Threaded	60
	4/0	2025	Unshrouded - Threaded	66



A. COPPER PLAIN UNSHROUDED

B. COPPER PLAIN SHROUDED

	Cable	Cat. ID	Description	T&B Strand Die (Sect. A)	T&B Jacket Die (Sect. B)
A	#2	24420	Unshrouded - Plain / Pressure Terminals	50	---
	1/0	24421	Unshrouded - Plain / Pressure Terminals	50	---
	2/0	24422	Unshrouded - Plain / Pressure Terminals	60	---
	4/0	24423	Unshrouded - Plain / Pressure Terminals	66	---
B	#2	24424	Shrouded - Plain / Pressure Terminals	50	71
	1/0	24425	Shrouded - Plain / Pressure Terminals	50	71
	2/0	24426	Shrouded - Plain / Pressure Terminals	60	76
	4/0	24427	Shrouded - Plain / Pressure Terminals	66	106

C-TYPE GROUNDING CLAMPS
5H
T600-0658
 Smooth Jaws

C600-2255
 Smooth Jaws
 Class A
C600-2256
 Serrated
 Jaws, Class B

C600-2281
 Smooth Jaws,
 Class A
C600-2282
 Serrated
 Jaws, Class B
**C600-2300**
C600-2100
 w/Drilled
 Terminal

C600-2101
 w/Tapped
 Terminal
**HC-10015**

Cat. ID	T600-0658	C600-2255 C600-2256	C600-2281 C600-2282	C600-2300	C600-2100 C600-2101	HC-10015
Clamp Range	.162-2.0"	.162-2.0"	.16-2.0"	1" ball studs	1" ball studs	20 mm ball stud
Material	Aluminum	Aluminum	Aluminum	Bronze	Bronze	Tin Plated Copper
Terminal	Tapped for Threaded Ferrule	Tapped for Threaded Ferrule	Pressure Type	Pressure Type	Threaded	Drilled for Threaded Terminals
Electrical Ratings						
Continuous Current (AMPS)	400	400	400	---	---	---
Fault Current - 15 Cycles (AMPS)	43,000	43,000	43,000	43,000	43,000	20,000 (IEC) 21,000 (ASTM)
Fault Current-30 Cycles (AMPS)	30,000	30,000	30,000	30,000	30,000	35,000 (IEC) 43,000 (ASTM)
Mechanical Ratings						
Torque (in -lb.)	250	250	250	250	250	250
Main Line Range - Max	2" O.D. Bus	2" O.D. Bus	2" O.D. Bus	1" dia. Ball Stud	1" dia. Ball Stud	20 mm Ball Stud
Main Line Range - Min	#6 Sol. Cu (.162)	#6 Sol. Cu (.162)	#6 Sol. Cu (.162)			
Jumper Range - Max	4/0 Grd. Cable	4/0 Grd. Cable	4/0 Grd. Cable	4/0 Grd. Cable	4/0 Grd. Cable	1/0 Grd. Cable
Jumper Range - Min	#2 Grd. Cable	#2 Grd. Cable	#2 Grd. Cable	#2 Grd. Cable	#2 Grd. Cable	#2 Grd. Cable
Weight	1.75 lb.	1.75 lb.	2 lb.	1 lb.	1 lb.	1.55 lb.
ASTM Designation	Type 1 Class A Grade 5H	Type 1 Grade 5	Type 1 Grade 5	Type 1 Class A Grade 5	Type 1 Class A Grade 5	Type 1 Class A Grade 1H

TRUCK GROUNDING BALL STUDS

Ball Studs permanently mount on truck body.

Ball Stud Cover protects stud when not in use.

**21191** Short Ball Stud**21192** Long Ball Stud
21236
 Ball Stud Cover

C-TYPE GROUNDING CLAMPS



T600-0466

C600-1754

C600-1743

G3605-1

G3367-2

12282

Cat. ID	T600-0466	C600-1754	C600-1743	G3605-1	G3367-2	12282
Clamp Range	.162"-.814"	.128"-.998"	.162"-1.5"	.162"-2"	.232"-2.5"	.398"-6.625"
Material	Bronze	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Terminal	Drilled for Threaded Ferrule	Tapped for Threaded Ferrule	Tapped for Threaded Ferrule	Pressure Type	Pressure Type	Pressure Type
Jaws	Smooth	Smooth	Smooth	Smooth	Smooth	Serrated
Electrical Ratings						
Continuous Current (AMPS)	250	350	400	400	400	400
Fault Current - 15 Cycles (AMPS)	21,000	27,000	43,000	43,000	43,000	54,000
Fault Current-30 Cycles (AMPS)	15,000	20,000	30,000	30,000	30,000	39,000
Mechanical Ratings						
Torque (in -lb.)	200	250	250	250	250	250
Main Line Range - Max	477 kcmil ACSR (.814)	750 kcmil Str. Cu. 636 kcmil ACSR (.998)	1000 kcmil Cu. 1590 kcmil ACSR (1.50)	2" O.D. Bus	2.5" O.D. Bus	6.625" O.D. Bus
Main Line Range - Min	#6 Sol. Cu. (.162)	#8 Sol. Cu. (.128)	#6 Sol. Cu. (.162)	#6 Sol. Cu. (.162)	#4 Str. Cu. (.232)	1/0 Str. (.398)
Jumper Range - Max	1/0 Grd. Cable	2/0 Grd. Cable	4/0 Grd. Cable	4/0 Grd. Cable	4/0 Grd. Cable	4/0 Grd. Cable
Jumper Range - Min	#2 Grd. Cable	#2 Grd. Cable	#2 Grd. Cable	#2 Grd. Cable	#2 Grd. Cable	1/0 Grd. Cable
Weight	1.5 lb.	1 lb.	1.5 lb.	1.75 lb.	2-3/8 lb.	5.5 lb.
ASTM Designation	Type I Class A Grade 2	Type I Class A Grade 3	Type I Class A Grade 5	Type I Class A Grade 5	Type I Class A Grade 5	Type 1 Class A Grade 6

BALL & SOCKET SYSTEM

The Internal Thread Ball Stud is tapped for a 1/2-13 UNC bolt having a length of at least 1". The Ball Stud Cover allows for multiple angle applications with a clampstick.



SNAP ON GROUNDING CLAMPS

Cat. ID	C600-2232	C600-2231	C600-0434	C600-0197	C600-1734	G3622-1	G1810-2
Clamp Range	1/8" - 1.5"	1/8"-1.5"	.162"-1.506"	.162"-1.506"	.162"-1.162"	.162-1.162"	.162"- .574"
Clamp Body	Bronze	Bronze	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Terminal	Drilled for Threaded Ferrule	Drilled for Threaded Ferrule	Pressure Type	Tapped for Threaded Ferrule	Threaded	Pressure Type	Pressure Type
Jaws	Serrated	Serrated	Serrated	Serrated	Smooth	Smooth	Smooth
Electrical Ratings							
Continuous Current (AMPS)	400	400	400	400	400	400	300
Fault Current 15 Cycles (AMPS)	43,000	43,000	43,000	43,000	43,000	43,000	27,000
Fault Current 30 Cycles (AMPS)	30,000	30,000	30,000	30,000	30,000	30,000	20,000
Mechanical Ratings							
Torque (in -lb.)	250	250	250	250	250	250	250
Main Line Range - Max	1-1/2" Angle 1-1/2" Flat	1-1/2" Angle 1-1/2" Flat	950 kcmil Cu. 1510 kcmil ACSR (1.506)	950 kcmil Cu. 1510 kcmil ACSR	556 kcmil Cu. 900 kcmil ACSR (1.162)	556 kcmil Cu. 900 kcmil ACSR (1.162)	250 kcmil Cu. 4/0 ACSR (.574)
Main Line Range - Min	1/8"	1/8"	#6 Sol. Cu. (.162)	#6 Sol. Cu. (.162)	#6 Sol. Cu. (.162)	#6 Sol. Cu. (.162)	#6 Sol. Cu. (.162)
Jumper Range - Max	4/0 Grd Cable w/Thread Stud	4/0 Grd Cable w/Thread Stud	4/0 Grd Cable w/Plain Plug	4/0 Grd Cable w/Thread Stud	4/0 Grd Cable w/Thread Stud	4/0 Grd Cable w/Plain Plug	4/0 Grd Cable w/Plain Plug
Jumper Range - Min	#2 Grd Cable w/Thread Stud	#2 Grd Cable w/Thread Stud	#2 Grd Cable w/Plain Plug	#2 Grd Cable w/Thread Stud	#2 Grd Cable w/Thread Stud	#2 Grd Cable w/Plain Plug	#2 Grd Cable w/Plain Plug
Weight	2 lb	2 lb	1.5 lb	1.5 lb	1.5 lb	1.5 lb	1.5 lb
ASTM Designation	Type I Class B Grade 5	Type III Class B Grade 5	Type I Class B Grade 5	Type I Class B Grade 5H	Type I Class A Grade 5	Type I Class A Grade 5	Type I Class A Grade 3

GROUNDING CLAMPS



21030



1853



4369



4345



21953



21074



C600-1732
All Angle
Ground Clamp

Cat. ID	21030	1853	4369	4345	21953	21074	C600-1732
Clamp Range	.16"-1.1"	.16"-1.65"	.06"-1.26"	.06"-1.26"	1.75"-3.5"	.16"-2"	.258"-2.88"
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Terminal	Threaded	Threaded	Threaded	Threaded	Threaded	Threaded	Tapped for Threaded Ferrule
Jaws	Smooth	Serrated	Serrated	Serrated	Smooth	Smooth	Serrated
Electrical Rating							
Continuous Current (AMPS)	400	400	400	400	400	400	400
Mechanical Ratings							
Main Line Range - Max	795KCM ACSR	1590MCM ACSR	1.5" Flat or Square	1.5" Flat or Square	3" IPS	3000 KCM ACSR	2-12 IPS (2.88")
Main Line Range - Min	#6	#6	.06" Flat or Square	.06" Flat or Square	1.5" IPS	#6	#2 Sol. Cu (.258")
Weight	1.1 lb	1.5 lb	2.0	2.1 lb	2.9 lb	2.1 lb	3.25 lb.
ASTM Designation	Class A Grade 5	Class B Grade 5	Class B Grade 5	Class B Grade 5	Class A Grade 5H	Class A Grade 5H	Class B Grade 5

SHRINK TUBING



Clear heat shrink tubes provide stress relief, corrosion protection, and visual inspection.

Cat. ID	Description
P600-1593	6" Pc. Shrink Tubing
P600-1594	9" Pc. Shrink Tubing

SUPPORT STUDS

These support studs can be installed in place of the restraining strap immediately below the pressure terminal. The stud serves as a parking stand for a second clamp.



3-WAY & 4-WAY GROUND CONNECTORS



Cat. ID G4754-1

Cat. ID 2374

Cat. ID 22782

INSULATED HANGER

Cat. ID S1600-7

The Insulated hanger serves as a convenient parking stand while linemen are installing Jumper or Grounding Clamps on lines up to 34.5 kV. The bronze double stud fitting is 1/2" x 3 1/2" on each side.



CLUSTER BARS



- For phase-to-phase grounding with wood, steel and concrete poles and tower angles
- 5" aluminum alloy bar for C clamps or duckbill
- Adjustable wheel binder and 36" chain
- Hook style for attachment to tower angles

Cat. ID	Description
6767	Pole Mount Cluster Bar
T600-1737	Tower Mount Cluster Bar

CLUSTER SUPPORT - 1 TERMINAL

Cat. ID C600-0152

- Hangs grounding sets on the pole to facilitate lifting clamps one at a time to the conductors
- Accepts plain ferrules on the #2 to 4/0 grounding cable
- Copper bar length is 11"



LOCK OUT CARD HOLDER

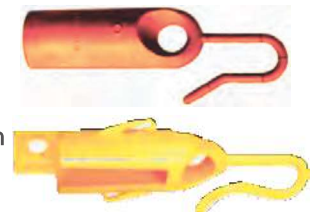
Cat. ID 5505

Card holder with two position snap loop. Transparent on one side.
10.5" x 6.5"



TAGGING DEVICE

Cat. ID TD - Orange Salcor Cat. ID 1000 - Yellow Poly For tagging open disconnect switches. 7.25"



WARNING MARKER

Cat. ID 1632-GR-3VS

Warning marker with reflective striping for night time visibility. Hook & Loop attachment with snap-tight closure for extra security



GROUNDING REEL



Cat. ID GRS-17

Heavy duty steel grounding reel with easy cable pay-out and spring rewind. Cable capacity is 75' of #2, 75' of 1/0, and 65' of 2/0. Rated to 43kA for 30 cycles, but the size and spring pull force of the reel limits use to 2/0 cable and smaller. Maximum fault rating of 2/0 cable is 27kA.

Order cable separately.

CABLE STORAGE REEL



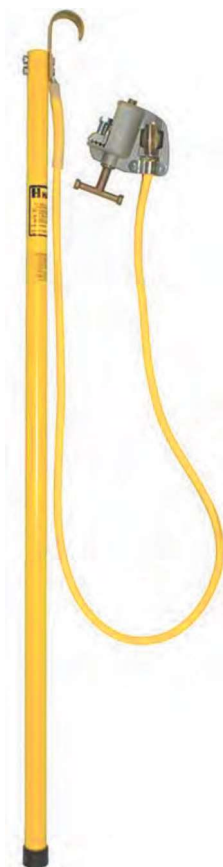
Cat. ID SR20

Manual storage reel with cable guide holds 85' of 2/0 ground cable.

ELECTRO-STATIC PRECIPITATOR GROUNDING TOOL

Cat. ID 6768

- Designed to safely remove the static charge after de-energizing for service work
- Grounding tool is factory assembled to include the following components: Brass alloy "U" shaped hook to engage precipitator plates, Fiberglass pole for installation, #2 Str. Copper Grounding Cable with safety yellow neoprene jacket, Ground Clamp
- Includes Electro Static Precipitator Grounding Tool, 4' Fiberglass Pole, 6' Grounding Lead, & C-Head Ground Clamp



SPIKING TOOL

Cat. ID 1715EPP

This hydraulic ground spike is used for grounding and draining a cable after it has been de-energized and before contact is made.

Each assembly has a 30' insulated hydraulic hose and a hand-operated hydraulic pump. The ground lead is a 1/0 x 6' copper cable with a clamp end for connection to a local system ground. 1,200 psi; Wgt: 28 lbs.



Cat. ID 1715-66

Similar and larger than the model above except this unit utilizes a blade in place of a spike which will make contact with all three conductors of the sector cable. 10,000 psi; Wgt: 85 lbs.

Cat. ID 1712GA

Manual version of the 1715 model to be used with a shot gun.

Cat. ID 1712U

Same as above but with universal attachment



1712GA

TRAVELING GROUND**336A****1590C**

Traveling grounds reduce the possibility of electric shock due to accidental contact with energized conductors during stringing operations.

Cat. ID	Description	Range	Weight
336A	Traveling Ground (up to	.25"-.741"	3 lb
1590C	Traveling Ground (up to 1590MCM)	.25"-1.545"	12 lb

TEMPORARY GROUND RODS**Cat. ID G3370**

This reusable, copper clad Screw Ground Rod provides a temporary ground where a system ground is not available. When installed, the 6' spiraled ground rod develops less resistance than straight ground rods. However, actual effectiveness depends upon soil properties. *Convenient for truck grounding applications.*

**G3370****4370****Cat. ID 4370**

Similar to above, this 5/8" diameter copper weld rod features a 12" bronze handle. 74" overall length.

GROUND ROD DRIVER

This manual Ground Rod Driver will drive rods fast and safely. An eight foot rod can be driven below ground level with ease. The side handles combined with an internal hammer to get the job done without any damage to the rod tip. 28 lbs.



Cat. ID	Description
GP	Ground Rod Driver for 5/8" Rods
GP-34	Ground Rod Driver for 3/4" Rods

ROLLING GROUND**Cat. ID MTR-001**

Rollers have a 5" diameter and 3" width. 23 lbs.

TEMPORARY TRUCK GROUND**Cat. ID 958-TG**

The temporary truck grounding tool allows for easy safe driving of a temporary ground rod and also easy removal. The exposed end of this tool is internally threaded, so that a standard 5/8" sectional rod can be threaded into the shaft. The ground rod then can be driven to the desired depth and a suitable clamp attached to the rod. Cable not included.

THREADED GROUND ROD**Cat. ID CGR58-6T**

5/8" x 6' Copper Ground Rod. Other lengths available upon request.

DRIVE HEAD

Cat. ID CTDH58 - 5/8" Threaded

Cat. ID CDH58 - 5/8" Non-Threaded

**GROUND ROD COUPLER**

Cat. ID CTC58 - 5/8" Threaded

**DRIVE POINTS****Cat. ID DP58U**

Attach this hardened, sharp point to your ground rod tips and make driving easier while reducing drag along rod length.



PORTABLE PROTECTIVE GROUND MAT

These vinyl-polyester ground mats come in a standard mat and anti-skid mat. It has high ampacity, tinned-copper braid sewn into a grid pattern which connects to a six inch termination stud on the corner of the mat.

Foldable, rollable, reversible, and easy to clean. Anti-skid is best choice for snow or rain conditions.

Standard Mat			
Cat. ID	Size	Color/Material	Weight
6610	58"x58"	Yellow/Vinyl Polyester	5 lb.
6615	58"x120"	Yellow/Vinyl Polyester	10 lb.
6620	120"x120"	Yellow/vinyl Polyester	20 lb.



6610

Anti-Skid Mat			
Cat. ID	Size	Color/Material	Wgt
6610-NS	58"x58"	Black/Hypalon-Marine Fabric	5 lb.
6615-NS	58"x120"	Black/Hypalon-Marine Fabric	10 lb.
6620-NS	120"x120"	Black/Hypalon-Marine Fabric	20 lb.



6610-NS

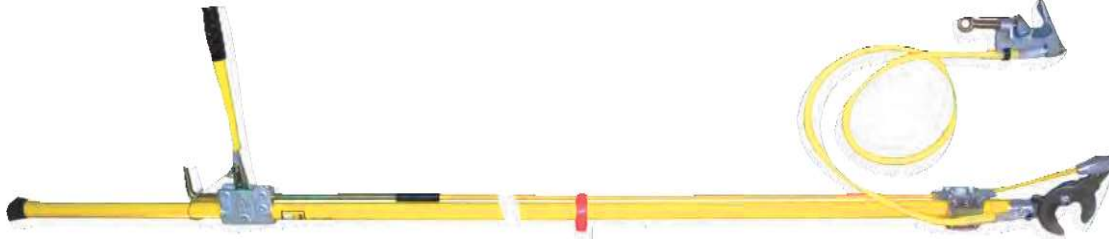
EQUI-MAT PERSONAL PROTECTIVE GROUND GRID

Equi-Mat provides an easy way to help establish an equipotential zone for a line worker to stand on during various energized and de-energized work practices. It is portable and simple to use, maintain and store. Multiple mats can be connected to form larger work grids. Properly applied, the Equi-Mat accomplishes compliance with OSHA 1910.269.



Cat. ID	Description
PSC6003080	24"x24" Ground Grid & Long Ball Stud (for use in personnel bucket)
C6002850	58"x58" Ground Grid & Long Ball Stud
C6002989	58"x58" Ground Grid Complete Kit
C6002851	58"x120" Ground Grid & Long Ball Stud
C6002990	58"x120" Ground Grid Complete Kit
C6002852	120"x120" Ground Grid & Long Ball Stud
C6002991	120"x120" Ground Grid Complete Kit
Kit includes Ground Grid, Long Ball Stud, 6' Ground Set, & Storage Bag	



GROUNDING INSULATED RATCHET CUTTER**Cat. ID 8HC-6L**

This unique, 8' fiberglass handled cutter comes with an attached, 6'- 1/0 ground cable and clamp eliminating the need for a spiking operation. Cutting Capacity: 1000MCM Aluminum, 500MCM Copper



Cat. ID 1411-108
 Storage Bag
 7.5"W X 108"H

CONDUCTOR CLEANING BRUSHES**Cat. ID M4455-93**

5" x 1-1/4" dia. tubular brush has stainless steel bristles enclosed reducing the chance of damaging rubber gloves.

**Cat. ID 4337**

This 3" x 1-1/4" dia. tubular brush is used in confined areas such as between two previously installed connectors or clamps.

**Cat. ID M4455-92**

Tube type hot stick brush with universal adapter.



Always use a wire brush on bare conductor to remove oxides and contaminants before attaching grounds, jumpers, taps, splices or connectors.

**M1889****10-178****M4455-63****USCC-004****BRUSH BLADE**

Two tools in one: wire brush for cleaning up to 1000MCM conductor and a blunt tip knife blade that locks in open position and can be closed when not in use.

Cat. ID	Description
BB-1	Brush Blade
WB-1	Replacement Wire Brush

CONDUCTOR CLEANER**Cat. ID CS-17**

This flexing conductor cleaner utilizes a poly, "bow" frame to hold its 1-1/2" x 24" strip of emery cloth.

**SAND SCREEN****Cat. ID NO180**

9" x 11," 180 grit washable and reusable sheets for cleaning conductor. 25 sheets per pack



Cat. ID	Description
M1889	Handheld brush
10-178	Brush with a hole in handle for use with shotgun
M4455-63	Brush with universal adapter for use with a hot stick
M1899	Box of 10 replacement brushes
USCC-004	Large Conductor Brush for use with shotgun

Custom Jumper Assemblies



Custom Jumpers made to your Specifications

At Divergent Alliance, we provide custom grounding cable building, testing, and repair services for utility workers in the Chicagoland area. We understand how to properly build and repair personal protective grounding sets and our electrical safety equipment testing will ensure that your grounding is effective for your safety.

HOW TO ORDER JUMPER SETS

Choose Complete Assemblies
OR

Create a Custom Set by selecting Individual Components Below:

Cable

Select your cable Length and Size

Clamps

Select clamps

Connectors

Connectors come Tin Plated Copper, unless otherwise specified

Jumper Testing

When was the last time your grounds and jumpers were tested?

Divergent Alliance offers repair, cleaning, testing, and certification programs to meet individual customer requirements. Collect all your used and potentially dangerous grounds and jumpers and have Divergent Alliance refurbish to like new condition.

Best Practices for Testing: Grounds & Jumpers			
	After Every Job	1 Year	If Damage Suspected
Grounds	Optional	Recommended	Required
Jumpers	Optional	Recommended	Required

15KV JUMPER SETS - COMPLETE ASSEMBLIES



These pre-assembled JUMPER sets are offered in a range of sizes and lengths. Clear jumper clamps are assembled on orange/red (15KV) jumper cable below. Tin plated, threaded ferrules with shrink tubing are used on all sets offering excellent connection and strain relief properties.

COMPLETE JUMPER SET ASSEMBLIES W/ 2115 CLEAR CLAMP - GRIP RANGE OF .162"-1.25"			
	Cable Size		
Cable Length	1/0	2/0	4/0
6'	DAJA-10-06	DAJA-20-06	DAJA-40-06
8'	DAJA-10-08	DAJA-20-08	DAJA-40-08
10'	DAJA-10-10	DAJA-20-10	DAJA-40-10
12'	DAJA-10-12	DAJA-20-12	DAJA-40-12
16'	DAJA-10-16	DAJA-20-16	DAJA-40-16
22'	DAJA-10-22	DAJA-20-22	DAJA-40-22



JUMPER CABLE

FLEXIBLE INSULATED JUMPER CABLES are lightweight and resistant to oil, heat, moisture, ozone and abrasion. The cable is embossed every three feet with the conductor size and kV rating. All jumper cables use fine stranded conductor and a new EPR low temperature unipass orange CV cured jacket. The fine stranded copper conductor is alloy coated and assembled in a unidirectional rope lay for extra flexibility. The conductor has a semiconducting shield surrounding it to relieve voltage stress and improve dielectric strength and service life.

Cable meets requirements of ASTM F2321.

Cat. ID	KV Rating	Size AWG	Max Amps Continuous	Strand	Approx. Cable O.D.	Wgt. Per 1000'
2754	15KV	#2	200	.320"	.75"	438 lb
2755	15KV	1/0	250	.403"	.83"	598 lb
2756	15KV	2/0	300	.456"	.90"	707 lb
2757	15KV	4/0	400	.592"	1.01"	1047 lb
21300	25KV	1/0	250	.403"	1.06"	650 lb
21060	25KV	2/0	300	.456"	1.10"	750 lb
2059	35KV	1/0	250	.403"	1.22"	950 lb
4370	35KV	2/0	300	.48"	1.31"	1060 lb

JUMPER CLAMP CONNECTORS



Cable	Cat. ID	Description	T&B Jacket Die
#2	2022	Tin Plated Copper Unshrouded	50
1/0	2023	Tin Plated Copper Unshrouded	50
2/0	2024	Tin Plated Copper Unshrouded	60
4/0	2025	Tin Plated Copper Unshrouded	66

Connectors come complete with nut and lock washer.

INSULATED JUMPER CLAMPS



Cat. ID	2271	2116	2270	2115	1610
Voltage PHZ - PHZ	36KV	36KV	36KV	36KV	36KV
Material	Orange Polyethylene	Clear Plastic	Orange Polyethylene	Clear Plastic	Orange FRP
Continuous Current (AMPS)	400	400	400	400	400
Main Line - Max	954MCM .125"	954MCM .125"	954MCM 1.25	954MCM 1.25"	954MCM 1.25"
Main Line - Min	#6 .162"	#6 .162"	#6 .162"	#6 .162"	#6 .162"
Weight	3 lb	3 lb	3 lb	3 lb	3 lb

*Sold in Pairs

INSULATED HANGERS

Cat. ID S1600-7

The Insulated hanger serves as a convenient parking stand while linemen are installing Jumper or Grounding Clamps on lines up to 34.5kV. The bronze double stud fitting is 1/2" x 3 1/2" on each side.



Cat. ID 3477

Designed to provide safety when installing and removing energized jumpers. Can be installed with a shotgun or rubber gloves. 12" fiberglass shaft with 1/2" fiberglass hanger bar.



JUMPER STORAGE BAG

Cat. ID 2184

Yellow vinyl bag measures 18 1/2"L x 12"W x 13 1/2"H



JUMPER SUPPORT

Designed to support a jumper wire and eliminate jumper clamp sag.



USJH-001



USJH-002

Cat. ID	Description
USJH-001	Jumper Hook - 11" x 4.5" x 5"
USJH-002	Jumper-Aid™ - 14" x 10" x 1"



BREAK-SAFE® LOADBREAK & PICKUP TOOL

Functions as a load break and load pick-up tool and can be used to rapidly de-energize and re-energize up to 46 kV line segments for repair while minimizing customer power outages.

- Acts as a portable switch to provide repair/maintenance convenience and flexibility.
- Use an insulated fiberglass hot stick to extend the black strap and break load.
- Activate the side-mounted trigger to pick-up load.
- A locking safety pin ensures the tool stays in either the open or closed position until the operator is ready to proceed.
- Duckbill style head option available to allow installation and removal using a fiberglass shotgun stick.

Cat. ID	Description	Length	Weight
15kV @ 300 Amp (phase to ground)			
BS15-1	with Floating Head for Glove Work	18"	5 lbs.
BS15-2	with Duck Bill clamp for Hot Stick Work		
5715	Padded Storage Case		
27kV @ 300 Amp (phase to ground)			
BS27-1	with Floating Head for Glove Work	26.5"	7 lbs.
BS27-2	with Duck Bill clamp for Hot Stick Work		
5727	Padded Storage Case		
46kV @ 200 Amp (phase to ground)			
BS46-1	with Floating Head for Glove Work	39"	10 lbs.
BS46-2	with Duck Bill Clamp for Hot Stick Work		
5746	Padded Storage Case		
Main line clamp range min #6 solid (.162) - max 954 ACSR (1.14")			

- Rubber gloves should be worn while installing
- Contacts are spring loaded and can be closed by pulling an insulated lanyard, putting the operator away from the tool during pickup operations
- Fiberglass rod, attached to the end of the lanyard, is used to recock the contacts
- Do not use to break loads

LOAD PICK UP TOOLS

ORDER CABLE AND
CLAMPS SEPARATELY



Cat. ID	Description	Main Line Range		KV Rating	Current Rating	Jumper Size	Wgt
		Max	Min				
C403-1631	Load Pickup Tool	#6 Cu	795 kcmil	15 KV	250A	#2 or 1/0	6.4 lb
6600	Load Pickup Tool / Clamp	6 Solid .16 dia	1033MCM 1.25 dia	29.2 KV	300A	2/0	5.9 lb
6605	Load Pickup Tool / Stud	6 Solid .16 dia	1033 MCM 1.25 dia	29.2 KV	300A	2/0	6.2 lb

25KV LOAD-RANGER® XLT



- Portable Loadbreak Tool
- Max Voltage: 25KV
- Max Amperage: 900 amp
- Includes counter
- Lightweight at 4.2 lbs
- Reset function is located on the side where it won't pinch your fingers
- 8.2" metal to metal clearance during stroke

Cat. ID	Description
USLR-XLT-1	Load-Ranger® only
USLR-XLT-1-H	Load-Ranger® with hard case
USLR-XLT-1-S	Load-Ranger® with soft case

27KV-38KV LOAD-RANGER® XLT



- Portable Loadbreak Tool
- Voltage Range: 27KV-38KV
- Max Amperage: 900 amp
- Includes counter
- Lightweight at 4.85 lbs
- Reset function is located on the side where it won't pinch your fingers
- 12.2" metal to metal clearance during stroke

Cat. ID	Description
USLR-XLT-2	Load-Ranger® only
USLR-XLT-2-S	Load-Ranger® with soft case

JACK JUMPER™ CUTOUT BY PASS TOOL

Use to bypass an overhead cutout without the use of jumper cables. Indispensable for fuse coordination tasks and permits easy bypass of an underground dip.

- Installation and removal is done with a shotgun stick.
- One end attaches to the cutout arcing horn and the other attaches to the fuse holder lower casting
- Rated for 100 ampere continuous duty.

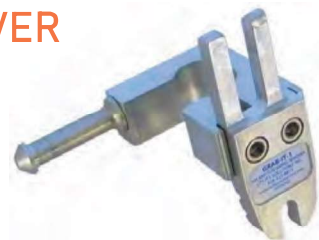
Cat. ID	Cutout Voltage Rating	Cutout Current Rating
USJJ-001	15KV	100 amp
USJJ-002	25KV	100 amp
USJJ-005	25KV & 38KV	100 amp
Add "H" for Hard Case or "S" for Soft Case option Other models available		



GRAB-IT™ CUTOUT FUSE TOOL REMOVER

Cat. ID GRAB-IT-1

Safely remove or install overhead fuse barrels. Provides positive control of the fuse barrel even in high wind conditions to prevent accidental drops. Simply sweep behind the fuse barrel and lift.



LOADBUSTER



5300R3



5400R3

This **Portable Loadbreak Tool** is the original, light-weight, easy-to-use loadbreak tool for use with disconnects, cutouts, and power fuses. It brings load switching capability through 34.5 kV and 600 amperes nominal, 900 amperes maximum to a wide variety of devices on your distribution system.

- Interrupts with no external arc and meets OSHA requirements for opening circuits under load
- Handles all live-switching duties including transformers, lines, cables, and capacitors through 38 kV, 900 A
- Robust, low-maintenance design stands up to 2000 operations between inspections
- Operation counter tracks tool use to help determine maintenance needs
- Cuts installation and operation costs. No need for interrupters on each device.
- ***Live switching can be done at the point that minimizes the length of the planned outage and affects the fewest consumers.***

Cat. ID	Description	Range	Max Voltage	Weight
5300R3	Loadbuster for Overhead	14.4KV-25KV	27KV	6 lb
5400R3	Loadbuster for Overhead	25KV-34.5KV	38KV	7 lb
5300R3-E	Loadbuster for Pad Mount Gear	14.4KV-25KV	27KV	6 lb
5380	Case (fits both models)	--	--	4 lb

Loadbuster Operation:

1. The tool's anchor is simply hung on the attachment hook of the disconnect, cutout or power fuse
2. Then the pull ring is engaged with Loadbuster's pull-ring hook, held fast by the pull-ring latch.
3. A firm, steady downward pull opens the switching device and trips the internal, interrupting circuit.
4. Loadbuster can be instantly reset.



TEMPORARY CUTOUT TOOL

This 15kv temporary cutout tool provides fuse protection during live-line maintenance. Simply clamp it onto primary conductor with a clampstick.

- To provide fuse protection during live line maintenance, temporary cutout tool simply clamps onto primary conductor with a Grip-All clampstick
- Brass stud at lower end accepts clamp on temporary tap jumper
- Insulated bushing and hot parts are from Type C Polymer cutouts
- Upper contact with integral sleet shield and hooks for operation by loadbreak tool and lower trunnion of cast bronze
- Fusetube must be fitted with fuselink rated no larger than 100 amps
- Main line range: #6 (.162") to 1033 kcmil ACSR (1.25")



Fuse Tube 100 Amps Continuous Current:				
Cat. ID	System Class	Interrupt Capacity	Weight	Repl. Fuseholder
PSC601-0341	15KV	10,000 amps	7.25 lb	T710112T
PSC601-0342	27KV	8,000 amps	10.5 lb	T710211T

Solid Blade 300 Amps Continuous Current				
Cat. ID	System Class	Momentary Capacity	Weight	Repl. Solid Blade
PSC601-0343	15KV	12,000 amps	8.25 lb	T710133T
PSC601-0344	27KV	12,000 amps	11.5 lb	T710233T

TENSION PULLER SWITCHING TOOL



This tool permits a live overhead distribution line to be cut by reducing its tension. While bearing the mechanical load, it helps create a parallel circuit. This averts service interruption while the cutting and related work are performed.

- For line tension up to 4,000 lbs with manual hookstick switch
- Tested per OSHA & ASTM F711
- Maximum ratings: 35KV 0 to 0, 600 amps continuous, 150 KV BIL
- Bypass stud added at each end of switch accepts clamps up to 3" wide
- Galvanized steel hooks are provided for use with a portable loadbreak device

Cat. ID	Working Range	Take Up	Max Length	Weight
C400-1907	58"-70"	12"	60"	22 lb

TEMP LOAD DISCONNECT TOOL

- Provides a temporary means of connecting and disconnecting equipment or circuits under load conditions
- Design does not have a fuse and does not provide protection for fault or overcurrent conditions
- Arc-chute type interrupter gives tool excellent loadbreak capability
- Tool simply clamps onto primary conductor with a Grip-All clampstick.
- Max loadbreak current: 300 amps
- Main line range: #6 (.162") to 1033 ACSR (1.25")



Cat. ID	Description	Disconnect Blade
PSC601-0347	8.3/15KV Tool	T730133T
PSC601-0348	15/27KV Tool	T730233T

TYPE "C" CUTOUTS



**Standard
Polymer**



**Linkbreak
Polymer**



**Loadbreak
Polymer**



**Standard
Porcelain**



**Linkbreak
Porcelain**



**Loadbreak
Porcelain**

POLYMER CUTOUTS		Cat. ID	Max. Voltage	Nominal Sys. Volt.	Continuous Current	Interrupt Capacity	Leakage to Ground		Weight (lb)	Repl. Fusetube	Arc Short. Rod
	Standard	CP710-112PB	15 kV	14.4 kV	100	10,000	12.6"	319mm	9.6	P700-1535P	No
		CP710-114PB	15 kV	14.4 kV	100	16,000	12.6"	319mm	9.8	E700-1767P	Yes
		CP710-143PB	15 kV	14.4 kV	200	12,000	12.6"	319mm	10.4	E700-2146P	Yes
		CP710-133PB	15 kV	14.4 kV	300	12,000	12.6"	319mm	9.9	P700-1535P	N/A
	Link- break	CP720-112PB	15 kV	14.4 kV	100	10,000	12.6"	319mm	10.2	P700-1469P	No
		CP720-114PB	15 kV	14.4 kV	100	16,000	12.6"	319mm	10.3	E700-1784P	Yes
	Loadbreak	CP730-112PB	15 kV	14.4 kV	100	10,000	12.6"	319mm	15.1	P700-1535P	No
		CP730-114PB	15 kV	14.4 kV	100	16,000	12.6"	319mm	15.2	E700-1767P	Yes
		CP730-143PB	15 kV	14.4 kV	200	12,000	12.6"	319mm	15.8	E700-2146P	Yes
		CP730-133PB	15 kV	14.4 kV	300	12,000	12.6"	319mm	15.4	P700-1535P	N/A

SOLID PORCELAIN CUTOUTS		Cat. ID	Max. Voltage	Nominal Sys. Volt.	Continuous Current	Interrupt Capacity	Leakage to Ground		Weight (lb)	Repl. Fusetube	Arc Short. Rod
	Standard	C710-112PB	15 kV	14.4 kV	100	10,000	8.7"	220mm	14.2	P700-1535P	No
		C710-114PB	15 kV	14.4 kV	100	16,000	8.7"	220mm	14.4	E700-1767P	Yes
		C710-143PB	15 kV	14.4 kV	200	12,000	8.7"	220mm	15	E700-2146P	Yes
		C710-133PB	15 kV	14.4 kV	300	12,000	8.7"	220mm	14.5	P700-1535P	N/A
	Link- break	C720-112PB	15 kV	14.4 kV	100	10,000	8.7"	220mm	14.5	P700-1469P	No
		C720-114PB	15 kV	14.4 kV	100	16,000	8.7"	220mm	14.7	E700-1784P	Yes
	Loadbreak	C730-112PB	15 kV	14.4 kV	100	10,000	8.7"	220mm	19.3	P700-1535P	No
		C730-114PB	15 kV	14.4 kV	100	16,000	8.7"	220mm	19.5	E700-1767P	Yes
		C730-143PB	15 kV	14.4 kV	200	12,000	8.7"	220mm	20.1	E700-2146P	Yes
		C730-133PB	15 kV	14.4 kV	300	12,000	8.7"	220mm	19.6	P700-1535P	N/A

MOUNTING HARDWARE

Standard option is "PB". To select different hardware, change "PB" in Catalog Number with your selection from the suffixes below (select one from each table):

Terminal Variations	
P	Parallel Groove Clamps
E	Small eyebolts
L	Large eyebolts

Bracket Variations	
B	NEMA Heavy Duty "B" Bracket for crossarm 1.5" bolt
X	Extended type bracket for cross-arm (2-5/8" longer than B)
D	D-shape bracket
X	No bracket (must be used with M in option 3)
Blank	No bracket (cannot be used w/M in option 3)

Mechanical Assist Fuseholder	
Blank	No option
M	Mechanical Assist Fuseholder
F	Fargo cutout cover

FUSE LINKS

These links are designed to carry 150% of their rated current without damage to the fuse link itself or the cutout in which it is installed. Meet all applicable ANSI/NEMA specifications. Available with a **removable or solid buttonhead**.

LENGTHS - Catalog numbers shown are 23" overall length. 26" length are also available on Solid Head models by changing the last two digits from "23" to "26". If a 26" length is desired on the Removable Head model, drop the last two digits.

- **Type K:** The fast characteristics of these fuse links were established by ANSI/NEMA to provide fuse links that would meet existing coordination schemes.
- **Type T:** These fuse links provide slower time-current characteristics. They coordinate particularly well with automatic oil-circuit reclosers
- **Type MS:** These fuse links have very slow time current characteristics. Utilize Type MS for applications where Type T are too fast.

	Type K		Type T		Type MS
Amps	Solid Head	Remov. Head	Solid Head	Remov. Head	Remov. Head
1	M1K23	M1KA23	M1T23	M1TA23	---
2	M2K23	M2KA23	M2T23	M2TA23	---
3	M3K23	M3KA23	M3T23	M3TA23	M3MSA23
5	---	---	---	---	M5MSA23
6	M6K23	M6KA23	M6T23	M6TA23	---
7	---	---	---	---	M7MSA23
8	M8K23	M8KA23	M8T23	M8TA23	---
10	M10K23	M10KA23	M10T23	M10TA23	M10MSA23
12	M12K23	M12KA23	M12T23	M12TA23	---
15	M15K23	M15KA23	M15T23	M15TA23	M15MSA23
20	M20K23	M20KA23	M20T23	M20TA23	M20MSA23
25	M25K23	M25KA23	M25T23	M25TA23	M25MSA23
30	M30K23	M30KA23	M30T23	M30TA23	M30MSA23
40	M40K23	M40KA23	M40T23	M40TA23	M40MSA23
50	M50K23	M50KA23	M50T23	M50TA23	M50MSA23
65	M65K23	M65KA23	M65T23	M65TA23	M65MSA23
80	M80K23	M80KA23	M80T23	M80TA23	M80MSA23
100	M100K23	M100KA23	M100T23	M100TA23	M100MSA23
125	---	---	---	---	M125MSA23
140	M140K23	M140KA23	M140T23	M140TA23	---
150	---	---	---	---	M150MSA23
200	M200K23	M200KA23	M200T23	M200TA23	M200MSA23



FUSE CLAW
Cat. ID 10-082

TWIN PIGTAIL LINKS

The twin pigtail fuse link is convenient to work with and easier to install in the cutout than convention single pigtail fuse links. The pigtails attach under the clamp with one on each side of the attachment stud.

Type	Amps	Solid Head	Removable Head
K	200	M200K23T	M200KA23T
T	200	M200T23T	M200TA23T

ARC SNUFFER REMOVAL & REPLACEMENT TOOLS



Cat. ID
C403-2037

Cat. ID
C403-2036

AUTOMATIC GUY WIRE DEADENDS



These automatic guy wire deadends are made of high-strength aluminum tubing, stamped steel jaws and a stainless steel bail.

Cat. ID	Strand	Range (in)
GDE-5100	1/4"	.24 - .253
GDE-5101	5/16"	.31 - .335
GDE-5101L	5/16"	.31 - .335
GDE-5102	3/8"	.36 - .405
GDE-5102L	3/8"	.36 - .405
<i>Note: "L" indicates Long Bail</i>		



The innovative yoke design of this new automatic eliminates the need for a bulky pulling hook. Simply use the installation bail to connect to the pulling winch, install the guy strand, and you're done.

Cat. ID	Strand	Range
GDE-5200	1/4"	.215 - .270
GDE-5200L	1/4"	.215 - .270
GDE-5201	5/16"	.270 - .315
GDE-5202	3/8"	.325 - .392
GDE-5202-L	3/8"	.325 - .392
GDE-5203	7/16"	.392 - .458
<i>Note: "L" indicates Long Bail</i>		

AUTOMATIC SPLICES

These push-on, "automatic" Class A connectors for overhead distribution offer the fastest method of splicing aluminum, aluminum alloy, and ACSR conductor. They are factory inhibitor protected. Meets ANSI C119.4.



Material: Shell - Seamless High Strength Aluminum Alloy
 Jaws - High Strength Aluminum Alloy

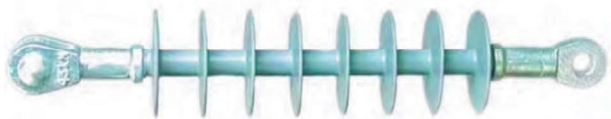
Cat. ID	Description			Conductor O.D. (in)
	ACSR ASTM-B232	AAAC ASTM-B399	AAC ASTM-B231	
GL-410	266.8 (18/1)	312.8	336.4	.603-.666
GL-411	336.4 (18/1)	394.5	397.5, 336.4	.659-.724
GL-412	397.5 (18/1)	465.4	477	.722-.795
GL-413	477 (18/1)	559.5	556.5, 500	.780-.858
GLT-1316A	266.8 (26/7)	-	-	-
GLT-1317A	336.4 (26/7)	-	-	-
GLT-1319A	477 (26/7)	-	-	-
GLT-1333A+	556.5 (18/1)	Consult Fago	636	.840-.920
GLT-1355A+	Consult Fago	Consult Fago	700, 715	.940-.976
GLT-1385A+	Consult Fago	Consult Fago	795	.996-1.031
GLT-1441A+	Consult Fago	Consult Fago	954	1.10-1.14
+Maximum design rating 10,000 lb/44.5kN				

Material: Shell - High Strength Aluminum Alloy
 Jaws - Aluminum Alloy

Cat. ID	Description			Conductor O.D. (in)
	ACSR ASTM-B232	AAAC ASTM-B399	AAC ASTM-B231	
GL-401	6 & 4	6 & 4	6 & 4	.184-.263
GL-402A	4	4	4	.225-.250
GL-404A	2	2	2	.280-.320
GL-4042A	2 & 4	2 & 4	2 & 4	.220-.320
GL-406A	1/0	1/0	1/0	.355-.400
GL-4076A	1/0 - 2/0	1/0 - 2/0	1/0 - 2/0	.355-.470
GL-407	2/0	2/0	2/0	.400-.470
GL-408	3/0	3/0	3/0	.450-.530
GL-409A	4/0	4/0	4/0	.505-.595
GL-4098	3/0 - 4/0	3/0 - 4/0	3/0 - 4/0	.450-.595
GL-1195A	-	2/0 - 3/0	3/0	.417-.532
GL-1205A	-	-	4/0 - 266.8	.518-.595

Also Available: Automatic Copper, Automatic Reducing, Automatic Bi-Metal

INSULATORS: DEAD END / SUSPENSION, TONGUE & CLEVIS TYPE



SILICONE INSULATORS

- Silicone formulation of Super SALCOR weathershed material.
- Tested in accordance with ANSI C29 and IEC1109.
- End fittings are hot dipped galvanized ductile iron, providing a 15,000 pound ultimate tensile strength.

Many other Distribution & Transmission models available

Cat. ID	9501U-SI	9502U-SI	9503U-SI
Class	DS-15	DS-28	DS-35,46
Length	12.5"	16.5"	22"
No of Weathersheds	5	9	13
Dia. of Weathersheds	3"	3"	3"
Leakage Distance	15"	26.5"	39"
Critical Impulse	140	190	280
Dry, 60 hz	90	130	180
Wet, 60 hz	65	100	145
Radio Test - KV Ground	15	20	30
Influence Max RIV - 1000kHz uV	<10	<10	<10
Typ. Appl - kV, 0-0	15	27	35, 46
Net Weight	2.6 lb	3 lb	3.9 lb



VERI-LITE INSULATORS

- Ferrous end fittings crimped directly to fiberglass rod.
- Weather sheds are manufactured with ESP silicone alloy rubber which offers toughness and resistance to tracking of the manufacturer's EPR.
- Specified Mechanical Load ratings: 15,000 lb.
- A Routine Test Load value (RTL) is assigned to each insulator at 50% of the SML rating.

Many other Distribution & Transmission models available

Cat No	401015-6215	401028-0215	401025-6215
Class	DS-15	DS-28	DS-35
Length	12.5"	17.5"	18.75"
No of Weathersheds	4	8	8
Dia. of Weathersheds	3.6"	3"	3.5"
Leakage Distance	16"	26"	31"
Critical Impulse	140	200	260
Dry, 60 hz	110	130	150
Wet, 60 hz	75	110	130
Radio Test - KV Ground	15	20	30
Influence Max RIV - 1000kHz uV	<10	<10	<10
Typ. Appl - kV, 0-0	15	28	35
Net Weight	2.1 lb	2.4 lb	2.8 lb

PORCELAIN SPOOL INSULATOR



Cat. ID DE4S5

Spool insulators are used with spool bolts (upset bolts), insulator clevises and secondary racks for neutral and secondary applications. 3000 lb tensile strength. ANSI Class 53-2. 1.2 lb/each. Standard pack of 32.

POLYMER SPOOL INSULATOR



Cat. ID C909-1032P (50 per box)

This polymer spool won't chip, crack or break like porcelain. It is a direct replacement for porcelain ANSI 53-2 spools in identical installations and compatible with standard hardware installations.

Molded from specially-blended UV-stable polymers, it delivers high compressive strength and electrical performance. 4.4oz. 3,000lb ultimate tensile strength. Low frequency flashover ratings of: Dry-25kV, Wet-15 kV.