CHANCE® NEW ADDITIONS
**CHANCE® 2019 NEW ADDITIONS**

- **Cover for 35mm Ball Stud**
  - Added August 2019

- **Transmission Multi-Range Voltage Indicator w/ Bluetooth connectivity for mobile display**
  - Added June 2019

- **IEC Grounding Sets for Bare Overhead Secondary Lines**
  - Added Jan 2019

- **Rubber Glove Dust**
  - Added February 2019

- **IEC Short Circuit Sticks**
  - Added Jan 2019
CHANCE® 2018 NEW ADDITIONS

7H Universal Grounding Clamp w/ 35mm Ball Stud
Added Aug 2018

7H 2.5” Grounding C-Clamp w/ 350 MCM Cable and Ferrules
Added May 2018

5H Three-Way Grounding Clamp
Added May 2018

Class 6 Spiral Conductor Cover
Added February 2018

5H Flat-face Grounding Clamps
Added February 2018
CHANCE® NEW ADDITIONS

Wireless Phasing Set
Added October 2017

Multi-Range Voltage Indicator

Proximity Voltage Indicator

ASTM 5H and 6H Rated Cluster Bars
Added June 2017

Automatic Push-On Ground Sets
IEC 8kA/1 sec
Added December 2017

Automatic Snap-On Ground Sets
IEC 8kA/1 sec
Added December 2017

5H All-Angle Grounding Clamp
Added June 2017
CHANCE® NEW ADDITIONS

- In-line Rubber Blanket Clamp
  Added June 2017

- Hot End Ladder Support
  Added June 2017

- Fall Restraint Bracket

- Crossarm Change-Out Assist Tool

- DA Bolt Puller

- Adjustable Sheave Adapters

- Crossarm Link Stick
  1500lb & 3500lb

- Impact Disconnect Stick

- Universal Extension Arm

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CHANCE® NEW ADDITIONS

Rubber Insulating Crossarm Cover
Added November 2017

Rubber Stinger Cover
Added November 2017

Universal Hot Cover
Added June 2017

ABS Pole Covers
Added January 2017

22” x 22” Blankets

Lightweight Conductor Cover

Flexible Cutout Covers

Overhead Switch Barrier
35MM BALL STUD COVER

FOR PROTECTION OF THE 35MM 7H GROUNDING BALL STUD

FEATURES AND BENEFITS
- Made to fit the CHANCE® PSC6003581 ball stud
- Made from non-conductive ozone/corona-resistant thermo-plastic elastomer
- Helps prevent flashover in enclosed switchgear, switch yards or substations
- Not designed as cover-up for accidental brush contact
- Snap fit
- Eye for use with grip-all clamp stick

Catalog Number | Description               | Weight       |
----------------|----------------------------|--------------|
PSC6003581     | 35mm Ball Stud 7H          | 1.8 lbs (0.8 kg) |
PSC4060750     | Cover for 35mm Ball Stud   | 1.0 oz (28 g)  |
TRANSMISSION MULTI-RANGE VOLTAGE INDICATOR (TMRVI)

WITH BLUETOOTH® CONNECTIVITY FOR DISPLAY ON MOBILE DEVICE

CHANCE® Lineman Grade Tools™ introduces the Transmission Multi-Range Voltage Indicator (TMRVI), used to determine if power lines are at rated voltage, have induced voltage or are de-energized. Must be used with properly selected universal hot stick, even with rubber gloves.

FEATURES & BENEFITS

- Visible voltage indicator for use up to 765kV AC Phase to Phase*
- Bluetooth connectivity to view TMRVI display live on a mobile device
- Large, easy-to-read dial face and brightly illuminated pointer indicate the voltage class.
- The class displayed is the approximate phase-to-phase and phase-to-ground voltage classes
- Can be used on overhead and underground lines with proper adapters
- Equipped with hold feature
- Battery Drawer for easy battery replacement with Lithium or Alkaline AA batteries
- Comes with storage bag designed to attach to line worker’s belt
- Lightweight, 1.25 lbs versus the 2.5 lbs. of the MRVD, C4030979

* For Distribution Voltages Including Capacitive Test Point - Use PSC4033710

OPTIONAL FIELD TESTER

- The Transmission Multi-Range Voltage Indicator can be field tested with the Voltage Indicator Tester PSC4033582

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC4033955</td>
<td>Transmission Multi-Range Voltage Indicator</td>
<td>1-1/4 lbs.</td>
</tr>
</tbody>
</table>

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CHANCE® RUBBER GLOVE POWDER

FOR USE WITH CHANCE® LINEMAN GRADE GLOVES™

Helps absorb perspiration during line work

FEATURES AND BENEFITS
- 5 oz. bottle
- Case size 48 bottles
- Easy storage
- Facilitates glove donning and removal

CATALOG NUMBER
PSC4060745

DESCRIPTION
CHANCE Rubber Glove Powder

WEIGHT
5.0oz (0.14Kg)
SHORT CIRCUIT STICK

NEW GROUNDING TOOL

CHANCE® Lineman Grade Tools™ introduces the Short Circuit Stick with spring loaded clamps for bare vertical secondary overhead systems.

FEATURES
• Rated and tested per IEC 61230 at 3kA/1 Second
• Handle meets ASTM F711 and IEC 60855
• Clamps are connected by an aluminum channel mounted on a 27 mm diameter Epoxiglas® pole
• Clamps are spring loaded and allow connection of the phases to the neutral in one swift movement
• Available with 4 clamps, 5 clamps, or as a dual unit with 4 and 5 clamps, and clamp spacing options of 20 cm or 30 cm
• Conductor range: Min. 3.5 mm up to Max. 19.5 mm diameter

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>CLAMP SPACING</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PST6003583</td>
<td>Short Circuit Stick w/ 4 clamps</td>
<td>20 cm</td>
<td>1.2 kg</td>
</tr>
<tr>
<td>PST6003584</td>
<td>Short Circuit Stick w/ 5 clamps</td>
<td>20 cm</td>
<td>1.5 kg</td>
</tr>
<tr>
<td>PST6003585</td>
<td>Short Circuit Stick w/ 4 and 5 clamps</td>
<td>20 cm and 20 cm</td>
<td>2.1 kg</td>
</tr>
<tr>
<td>PST6003615</td>
<td>Short Circuit Stick w/ 4 clamps</td>
<td>30 cm</td>
<td>1.3 kg</td>
</tr>
<tr>
<td>PST6003616</td>
<td>Short Circuit Stick w/ 4 and 5 clamps</td>
<td>30 cm and 20 cm</td>
<td>2.2 kg</td>
</tr>
</tbody>
</table>
NEW GROUNDING/EARTHING EQUIPMENT

CHANCE® Lineman Grade Tools™ introduces grounding sets with spring-loaded clamps for bare secondary overhead systems.

FEATURES

- Rated and tested per IEC 61230 at 3kA/1 Second
- Handle tested at 100kV per 30 cm per ASTM F711 and IEC 60855
- Spring-loaded clamps for quick and easy installation and removal
- Lightweight
- Clamps are interconnected by 16 mm² grounding cable
- Conductor range: Min. 3 mm up to Max. 17 mm diameter
- Sets available in custom configurations

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC6003694</td>
<td>GROUND SET - LV - 4 CLAMPS - 3 X 0.5M LEADS 16 mm²</td>
<td>1.4 kg</td>
</tr>
<tr>
<td>PSC6003695</td>
<td>GROUND SET - LV - 5 CLAMPS - 4 X 0.5M LEADS 16 mm²</td>
<td>1.7 kg</td>
</tr>
</tbody>
</table>
7H UNIVERSAL GROUND CLAMP

CONNECT TO CONDUCTOR, BUS OR BALL STUD

FEATURES AND BENEFITS
- Tested per ASTM F855-17 to Grade 7H (68kA; 183kA 1st cycle peak; X/R=30)
- Universal Clamp with aluminum body
- For up to 2" dia. conductor or bus, or 35mm Ball Stud
- Available as factory-assembled sets (recommended) or individual components

Contact your local HPS representative for custom length grounding sets

CATALOG NO.   DESCRIPTION                      WEIGHT
PSC6003588    7H Universal Clamp                  5.6 lb (2.6 kg)
PSC6003581    35mm Ball Stud 7H                   1.8 lbs (0.8 kg)
PSC6003603    Grounding Ferrule 350 MCM Unshrouded Copper 1.1 lbs (0.5 kg)
PSC6003604    Grounding Ferrule 350 MCM Unshrouded Tin-Plated 1.1 lbs (0.5 kg)
PSS18067      350 MCM Yellow Grounding Cable       0.8 lbs/ft (1.2 kg/m)

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7H 2.5” GROUNDING C-CLAMP

CLAMPS OR ASSEMBLED GROUND SETS WITH 7H CABLE AND FERRULES

FEATURES AND BENEFITS
- C-Clamp with aluminum body and smooth jaws for 0.625” to 2.5” Conductor/Bus Bar
- 350 MCM cable with yellow thermoplastic elastomer (TPE) jacket
- Unshrouded Threaded Copper or Tin-Plated Ferrule – 3/4-10 UNC
- Bronze Eye Screw – 3/4-6 ACME
- Clamp equipped with Lift-Assist Ring
- Tested per ASTM F855-17 to Grade 7H (68kA; 183kA 1st cycle peak; X/R=30)
- Available as factory-assembled sets (recommended) or individual components

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC6003630</td>
<td>7H 2.5” Grounding C-Clamp</td>
<td>6.1 lbs (2.8 kg)</td>
</tr>
<tr>
<td>PSC6003603</td>
<td>Grounding Ferrule 350 MCM Unshrouded Copper</td>
<td>1.1 lbs (0.5 kg)</td>
</tr>
<tr>
<td>PSC6003604</td>
<td>Grounding Ferrule 350 MCM Unshrouded Tin-Plated</td>
<td>1.1 lbs (0.5 kg)</td>
</tr>
<tr>
<td>PSS18067</td>
<td>350 MCM Yellow Grounding Cable</td>
<td>0.79 lbs/ft (1.18 kg/m)</td>
</tr>
</tbody>
</table>

Contact your local HPS representative for custom length grounding sets

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5H THREE-WAY UNIVERSAL GROUNDING CLAMP

VERSATILITY FOR DIFFERENT CONFIGURATIONS AND CONNECTION POINTS

FEATURES AND APPLICATIONS
- Installs on ball stud (30mm) or conductor/bus (0.5” to 1.5”)
- Provides single connection point for center phase when using optional ball studs
- Tapped for 5/8”-11 UNC threaded ferrule
- Tin-plated 30mm (1.18”) Ball Stud (sold separately)

<table>
<thead>
<tr>
<th>CATALOG NO.</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC6003626</td>
<td>5H Three-Way Universal Grounding Clamp</td>
<td>3.88 lbs (1.76 kg)</td>
</tr>
<tr>
<td>PSP6003513P</td>
<td>5H 30mm Ball Stud</td>
<td>0.91 lbs (0.41 kg)</td>
</tr>
</tbody>
</table>

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SF_09_153E
NEW CLASS 6 OPTION

FEATURES & APPLICATIONS
• Provides protection for accidental brush contact during live line maintenance up to 72.5kV
• Tested per ASTM F712
• Made from tough, durable ABS Plastic
• Includes grip-all adapter for hotstick installation
• Overall length of approximately 53in. (1.3m)

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC4060737GA</td>
<td>Class 6 72.5 kV Spiral Conductor Cover</td>
<td>11 lbs (5 kg)</td>
</tr>
</tbody>
</table>
5H FLAT-FACE GROUNDING CLAMP

NEW LIGHTER WEIGHT OPTION

FEATURES
• Same 5H rating at around half the weight of bronze 5H flat-face clamps
• Designed for use on angle iron, tower steel, ground rod or 4/0 conductor
• Tested per ASTM F855*
• Jaw opening range of 0.125” – 1.5”

*Must use set screws for 5H applications

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC6003635</td>
<td>5H Flat-Face Grounding Clamp with T-Handle</td>
<td>2.6 lbs. (1.2 kg)</td>
</tr>
<tr>
<td>PSC6003636</td>
<td>5H Flat-Face Grounding Clamp with Eye Screw</td>
<td>2.6 lbs. (1.2 kg)</td>
</tr>
</tbody>
</table>
WIRELESS PHASING SET (WPS)

CAPACITIVE TEST POINT THROUGH 765KV AC

FEATURES & BENEFITS
• Wireless Main and Probe Units communicate via linked digital radios - 300 ft. range
• Determine phase relationship between two conductors with same nominal voltage
• Displays “In-Phase” or “Out-of-Phase” in WPS mode
• For Overhead / Underground use on 50/60Hz systems
• Adjustable audible alarm
• Main has Full Range ARVI functionality like PSC4032915
• Field test with PSC4033582 tester
• Shock Tested per IEC 60068-2-27
• Vibration Tested per IEC 60068-2-6
• For use with hot sticks only

PART NUMBER | DESCRIPTION
--- | ---
PSC4032916 | Wireless Phasing Set with Orange Bag
PSC4033926 | Wireless Phasing Set with Hard Case
PSC4033811 | Hard Case Only
MULTI-RANGE VOLTAGE INDICATOR (MRVI)

WITH BLUETOOTH® CONNECTIVITY FOR DISPLAY ON MOBILE DEVICE

Chance® Lineman Grade Tools™ introduces the Multi-Range Voltage Indicator (MRVI), used to determine if power lines are at rated voltage, have induced voltage or are de-energized. Must be used with properly selected universal hot stick, even with rubber gloves.

FEATURES & BENEFITS
• Visible voltage indicator with range from Capacitive Test Point up to 80kV Phase-to-Phase
• Bluetooth connectivity to view MRVI display live on a mobile device
• Large, easy-to-read dial face and brightly illuminated pointer indicate the voltage class.
• The class displayed is the approximate phase-to-phase and phase-to-ground voltage classes
• Can be used on overhead and underground lines with proper adapters
• Equipped with hold feature
• Battery Drawer for easy battery replacement with Lithium or Alkaline AA batteries
• Comes with storage bag designed to attach to line worker’s belt
• Lightweight, 1.25 lbs versus the 2.5 lbs. of the MRVD, C4030979

OPTIONAL FIELD TESTER
• The Multi-Range Voltage Indicator can be field tested with the Voltage Indicator Tester PSC4033582

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC4033710</td>
<td>Multi-Range Voltage Indicator</td>
<td>1-1/4 lbs.</td>
</tr>
</tbody>
</table>

Mobile App Display

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PROXIMITY VOLTAGE INDICATOR (PVI)

600V TO 500KV - AUDIBILE & VISIBLE INDICATORS

FEATURES & APPLICATIONS

• Bright display lights and audible alarm indicate voltage class without need to directly contact the conductor
• Used to determine if power lines are at rated voltage, have induced voltage or are de-energized
• Designed to be held 6 to 18 inches away from conductor being tested for presence of voltage
• As the voltage field intensity increases, the Proximity “SENSE” LED, Range LED and audible alarm will flash and beep faster
• Advanced feature allows user to temporarily disable range indications for voltages below the user selected range
• New battery drawer does not require removal of front panel for replacement of batteries
• Comes with storage bag designed to attach to line worker’s belt or use during storage
• Lightweight, 1.25lbs versus the 4.75lbs of the Super Tester

OPTIONAL FIELD TESTER

• The proximity voltage indicator can be field tested with the Voltage Indicator Tester PSC4033582 seen below

<table>
<thead>
<tr>
<th>CATALOG NO.</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC4033737</td>
<td>Proximity Voltage Indicator and Bag</td>
<td>1-1/4 lbs</td>
</tr>
</tbody>
</table>

Hubbell has a policy of continuous product improvement. Please visit hubbellpowersystems.com to confirm current design specifications.
CHANCE® 5H AND 6H RATED CLUSTER BARS

NOW TESTED PER ASTM F855-15 TO GRADES 5H AND 6H

Chance Cluster Bars have been used for nearly 50 years! In keeping up with industry needs, Chance Cluster Bars are now available with 5H and 6H ratings.

Chance 5H and 6H Rated Cluster Bars are also available with an integral pole-penetrating option. See OSHA 1910.269 Appendix C for more information on protecting workers from hazardous differences in electrical potential and penetration of the pole.

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>DESCRIPTION</th>
<th>ASTM F855-15 RATING</th>
<th>RATED CURRENT (15 CYCLES)</th>
<th>FIRST CYCLE TEST CURRENT PEAK</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC6003628</td>
<td>5H Rated Cluster Bar, 5/8” dia. x 11”</td>
<td>5H</td>
<td>47 kA</td>
<td>127 kA</td>
<td>10.7 lbs. (4.9 kg)</td>
</tr>
<tr>
<td>PSC6003628A</td>
<td>5H Rated Penetrating Cluster Bar, 5/8” dia.</td>
<td></td>
<td></td>
<td></td>
<td>10.8 lbs. (4.9 kg)</td>
</tr>
<tr>
<td>PST6003466</td>
<td>6H Rated Cluster Bar, 1” dia. x 11”</td>
<td>6H</td>
<td>55 kA</td>
<td>148 kA</td>
<td>12.0 lbs. (5.4 kg)</td>
</tr>
<tr>
<td>PST6003466A</td>
<td>6H Rated Penetrating Cluster Bar, 1” dia.</td>
<td></td>
<td></td>
<td></td>
<td>12.1 lbs. (5.5 kg)</td>
</tr>
</tbody>
</table>
IEC GROUNDING SETS

NEW GROUNDING EQUIPMENT

CHANCE® Lineman Grade Tools™ introduces IEC Grounding Sets with Automatic Push-On Clamps

FEATURES & APPLICATIONS

• Spring-loaded clamps for quick and easy installation and removal
• Lightweight
• Rated 8kA/1 second per IEC 61230
• Conductor range: 3-20mm
• Sets available in various configurations

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC6003538</td>
<td>Push-On Ground Clamp-IEC-8KA 1S - 20 mm</td>
<td>0.36 kg</td>
</tr>
<tr>
<td>PSC6003518</td>
<td>Ground Clamp with Storage Reel for IEC Set</td>
<td>2.34 kg</td>
</tr>
<tr>
<td>PSC6003554</td>
<td>Installation tool for Push-On Ground Clamps</td>
<td>0.58 kg</td>
</tr>
<tr>
<td>PSCGSAC02ZC16P3</td>
<td>Bracket Grounding Set - 3 Push-On Clamps for Delta Systems</td>
<td>12.99 kg</td>
</tr>
<tr>
<td>PSCGSAC0204ZC16P4</td>
<td>Equipotential Grounding Set - 4 Push-On Clamps for Delta Systems</td>
<td>19.18 kg</td>
</tr>
<tr>
<td>PSCGSAC0204P4</td>
<td>Bracket Grounding Set - 4 Push-On Clamps for WYE Systems</td>
<td>6.96 kg</td>
</tr>
<tr>
<td>PSCGSAC0204P6</td>
<td>Equipotential Grounding Set - 6 Push-On Clamps for WYE Systems</td>
<td>13.51 kg</td>
</tr>
</tbody>
</table>

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SF_09_141E
PSCGSAC02ZC16P3  BRACKET GROUNDING SET - 3 PUSH-ON CLAMPS FOR DELTA SYSTEMS

- 3 push-on clamps interconnected with 2 meter leads of #2 clear cable
- 1 ground clamp with storage reel with one 16 meter ground lead of 16mm² clear cable
- Installation tool
- Storage bag
- Screw-in ground rod

PSCGSAC0204ZC16P4  EQUIPOTENTIAL GROUNDING SET - 4 PUSH-ON CLAMPS FOR DELTA SYSTEMS

- 4 push-on clamps interconnected with two 2 meter leads and one 4 meter lead of #2 clear cable
- 1 ground clamp with storage reel with one 16 meter ground lead of 16mm² clear cable
- Cluster bar
- Installation tool
- Storage bag
- Screw-in ground rod

PSCGSAC0204P4  BRACKET GROUNDING SET - 4 PUSH-ON CLAMPS FOR WYE SYSTEMS

- 4 push-on clamps interconnected with two 2 meter leads and one 4 meter lead of #2 clear cable
- Installation tool
- Storage bag

PSCGSAC0204P6  EQUIPOTENTIAL GROUNDING SET - 6 PUSH-ON CLAMPS FOR WYE SYSTEMS

- 4 push-on clamps interconnected with two 2 meter leads and one 4 meter lead of #2 clear cable
- 2 push-on clamps connected with one 4 meter lead of #2 clear cable
- Cluster bar
- Installation tool
- Storage bag
IEC GROUNDING SETS

NEW GROUNDING EQUIPMENT

CHANCE® Lineman Grade Tools™ introduces IEC Grounding Sets with Automatic Snap-On Clamps

FEATURES & APPLICATIONS

- Spring-loaded clamps for quick and easy installation and removal
- Lightweight
- Rated 8kA/1 second per IEC 61230
- Conductor range: 5-30mm
- Sets available in various configurations

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC6003516</td>
<td>Snap-On Ground Clamp-IEC-8KA 1S - 30 mm</td>
<td>0.42 kg</td>
</tr>
<tr>
<td>PSC6003518</td>
<td>Ground Clamp with Storage Reel for IEC Set</td>
<td>2.34 kg</td>
</tr>
<tr>
<td>PSC6003517</td>
<td>Installation tool for Snap-On Ground Clamps</td>
<td>0.98 kg</td>
</tr>
<tr>
<td>PSCGSAC02ZC16S3</td>
<td>Bracket Grounding Set - 3 Snap-On Clamps for Delta Systems</td>
<td>13.57 kg</td>
</tr>
<tr>
<td>PSCGSAC0204ZC16S4</td>
<td>Equipotential Grounding Set - 4 Snap-On Clamps for Delta Systems</td>
<td>19.82 kg</td>
</tr>
<tr>
<td>PSCGSAC0204S4</td>
<td>Bracket Grounding Set - 4 Snap-On Clamps for WYE Systems</td>
<td>7.6 kg</td>
</tr>
<tr>
<td>PSCGSAC0204S6</td>
<td>Equipotential Grounding Set - 6 Snap-On Clamps for WYE Systems</td>
<td>14.27 kg</td>
</tr>
</tbody>
</table>
PSCGSAC02ZC16S3   BRACKET GROUNDING SET - 3 SNAP-ON CLAMPS FOR DELTA SYSTEMS

- 3 snap-on clamps interconnected with 2 meter leads of #2 clear cable
- 1 ground clamp with storage reel with one 16 meter ground lead of 16mm² clear cable
- Installation tool
- Storage bag
- Screw-in ground rod

PSCGSAC0204ZC16S4   EQUIPOTENTIAL GROUNDING SET - 4 SNAP-ON CLAMPS FOR DELTA SYSTEMS

- 4 snap-on clamps interconnected with two 2 meter leads and one 4 meter lead of #2 clear cable
- 1 ground clamp with storage reel with one 16 meter ground lead of 16mm² clear cable
- Cluster bar
- Installation tool
- Storage bag
- Screw-in ground rod

PSCGSAC0204S4   BRACKET GROUNDING SET - 4 SNAP-ON CLAMPS FOR WYE SYSTEMS

- 4 snap-on clamps interconnected with two 2 meter leads and one 4 meter lead of #2 clear cable
- Installation tool
- Storage bag

PSCGSAC0204S6   EQUIPOTENTIAL GROUNDING SET - 6 SNAP-ON CLAMPS FOR WYE SYSTEMS

- 4 snap-on clamps interconnected with two 2 meter leads and one 4 meter lead of #2 clear cable
- 2 snap-on clamps connected with one 4 meter lead of #2 clear cable
- Cluster bar
- Installation tool
- Storage bag
- Installation tool
- Storage bag

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SF_09_140E
CHANCE® 5H ALL-ANGLE GROUNDING CLAMP

FEATURES & BENEFITS
• Easily installed from pole, structure, or ground - articulation allows for attachment to conductor or bus at nearly any angle
• 5H Rated - tested per ASTM F855-15 to Grade 5H
• Accommodates conductor/bus range from 0.258” to 2.88” diameter

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>DESCRIPTION</th>
<th>ASTM F855-15 RATING</th>
<th>RATED CURRENT (15 CYCLES)</th>
<th>FIRST CYCLE TEST CURRENT PEAK</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC6003499</td>
<td>5H All-Angle Ground Clamp</td>
<td>5H</td>
<td>47kA</td>
<td>127kA</td>
<td>8.0 lbs. (3.6 kg)</td>
</tr>
</tbody>
</table>
NEW IN-LINE GRIP-ALL BLANKET CLAMP

FEATURES AND APPLICATIONS
• Blanket clamp for in-line use with a grip-all clamp stick
• Maximum opening of 2.0 inches (51mm)
• For use with rubber blankets and cover up

CATALOG NUMBER
• PSC4060676
HOT END LADDER SUPPORT

NEW ACCESSORY FOR INSULATED LADDERS

Chance® Lineman Grade Tools™ introduces the Hot End Ladder Support for rigging insulated ladders on transmission lines

FEATURES & BENEFITS
- Provides alternate method for rigging Epoxiglas® Ladders
- Ideal for moving ladders into working position with a helicopter
- For use with Chance 2-rail and 3-rail Epoxiglas® Ladders
- Adjustable height straps attach to ladder clamps*
- Neoprene covered wheels minimize conductor damage
- Safety Locking Pin allows for easy installation and removal
- Rated Working Load: 800lbs

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC4021513</td>
<td>Hot End Ladder Support</td>
<td>43 lb. / 19.5 kg.</td>
</tr>
<tr>
<td>E4020138P*</td>
<td>Ladder Clamp for 2.5in Rails</td>
<td>2.9 lb. / 1.31 kg.</td>
</tr>
<tr>
<td>PSE4021460P*</td>
<td>Ladder Clamp for 2in Rails</td>
<td>3 lb. / 1.36 kg.</td>
</tr>
</tbody>
</table>

*Ladder Clamps must be ordered separately
FALL RESTRAINT BRACKET

Provides insulation/isolation from differences in potential by means of the 6” Epoxiglas link
Meets 5,000 lb. requirement as specified by OSHA 1910.66 App C personal fall arrest requirements

- Ratchet system with 48” nylon strap allows for quick and easy attachment to up to 18” dia. pole
- Swivel attachment head provides easy attachment to lanyard

<table>
<thead>
<tr>
<th>CATALOG NO.</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC4021489</td>
<td>PERSONAL FALL RESTRAINT BRACKET</td>
<td>10 LBS. (4.5 KG)</td>
</tr>
</tbody>
</table>
CROSSARM LINK STICK

NOW AVAILABLE WITH 3500 LB-RATED WORKING LOAD

• Quick and easy set up, no sling necessary
• Plastisol-coated steel hook
• Fits standard 3-3/4" x 4-3/4" crossarms with 5" hook
• Galvanized steel swivel eye on conductor end for easy alignment
• Lifting eye on hook fitting for easy positioning by a hot line tool
• Also available with 1500 lb-rated working load
• Insulated Epoxiglas® length: 21.5"; total length: 41"
• Custom Epoxiglas lengths available

Pictured with Nylon-Strap Ratchet Hoist and Hot Line Wire Grips

<table>
<thead>
<tr>
<th>CATALOG NO.</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC4004132</td>
<td>Crossarm Link Stick - 1500 lb</td>
<td>7.0 lbs.</td>
</tr>
<tr>
<td>PSC4004372</td>
<td>Crossarm Link Stick - 3500 lb</td>
<td>8.0 lbs.</td>
</tr>
</tbody>
</table>

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IMPACT DISCONNECT STICK

FOR OPENING AND CLOSING DISCONNECT SWITCHES

FEATURES

• Uses a slide-hammer mechanism to provide additional force for opening Disconnect Switches
• Poles are made of 1-1/4" diameter Epoxiglas® meeting ASTM F711 and IEC 60855 standards
• Heavy Duty Disconnect heads of bronze alloy
• Available in complete sticks, spliced sticks, and conversion kits
• Perfect for opening Switches in iced over conditions

<table>
<thead>
<tr>
<th>CATALOG NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>PST4033750</td>
<td>Impact Disconnect Stick 6' Clear Glass 8'11&quot; Overall Length</td>
</tr>
<tr>
<td>PST4033751</td>
<td>Impact Disconnect Stick 8' Clear Glass 10'11&quot; Overall Length</td>
</tr>
<tr>
<td>PST4033752</td>
<td>Impact Disconnect Stick 10' Clear Glass 12'11&quot; Overall Length</td>
</tr>
<tr>
<td>PST4033753</td>
<td>Impact Disconnect Stick 12' Clear Glass 14'11&quot; Overall Length</td>
</tr>
<tr>
<td>PST4033709</td>
<td>Spliced Impact Disconnect Stick 9'8&quot; Clear Glass 13'2&quot; Overall Length</td>
</tr>
<tr>
<td>PSC4033741</td>
<td>Impact Disconnect Tool Retrofit Kit 27.5&quot; Overall Length for 1-1/4&quot; Diameter Poles</td>
</tr>
<tr>
<td>PSC4033747</td>
<td>Impact Disconnect Tool bottom with Female Splice 38&quot; Overall Length</td>
</tr>
</tbody>
</table>

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CROSSARM CHANGE-OUT ASSIST TOOL

- The Crossarm Change-out Assist Tool (CCAT) provides a temporary support for crossarms during change-out on H-frame structures.
- Facilitates removal and lowering of crossarm.
- For best results use two CCATs – one on each H-frame pole.
- Working load rating of 1,000 lbs.

<table>
<thead>
<tr>
<th>CATALOG NO.</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC4012901</td>
<td>Crossarm Change-out Assist Tool</td>
<td>11.7 lbs. (5.3 kg)</td>
</tr>
</tbody>
</table>

After removing DA Bolt, CCAT supports crossarm and facilitates movement into position to be lowered or installed.

Ratchet system with 48” nylon strap allows for quick and easy attachment on poles up to 18” dia.
DA BOLT PULLER

EASILY REMOVE DA AND OTHER BOLTS

FEATURES AND BENEFITS

• Uses 5 lb. impact hammer for easy removal of bolt sizes 5/8” – 7/8”
• Great for extracting bent, tight, and stuck bolts
• Safer and easier than driving bolt with a hammer and drift pin
• Eye screw for easy handline attachment

After capturing exposed DA Bolt end, pull back firmly on hammer to provide the impact force necessary to remove lodged bolt.

<table>
<thead>
<tr>
<th>CATALOG NO.</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC4012783</td>
<td>DA Bolt Puller with Impact Hammer 24” for 5/8” - 7/8” bolts</td>
<td>10.0 lbs (3.7 kg)</td>
</tr>
</tbody>
</table>

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ADJUSTABLE SHEAVE ADAPTERS

FOR EASY ADJUSTMENT OF INSULATED DISTANCE BETWEEN WIRE HOLDER AND SHEAVE

FEATURES
- Optimize distance between wireholder and sheave while maintaining proper insulated distance
- Adjustable Sheave Adapter easily moves between holes in 3” Jib (T4001525)
- Allows for use of wireholder and sheave at the same time
- Accommodates existing accessories shown and more
- Working load of 800 lbs.

<table>
<thead>
<tr>
<th>CATALOG NO.</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC4004300</td>
<td>Adjustable Sheave Adapter to fit 3” Dia. Round Jib</td>
<td>9.5 lbs (3.6 kg)</td>
</tr>
<tr>
<td>PSC4004301</td>
<td>Adjustable Sheave Adapter to fit 4”x 4” Square Jib</td>
<td>15.6 lbs (5.8 kg)</td>
</tr>
</tbody>
</table>

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**Universal Extension Arms**
- Fit composite or wood crossarms up to 3¾" x 4¾".
- Cushioned clamp and hanger loop to protect composite arms.
- Grippers on clamp can be removed for wood crossarms.
- Design allows removal of components for reconditioning pole.
- Designed for use with rubber gloves or hot sticks.

6-ft. Universal Extension Arm PSC4004101

Rubber grippers removed for use on wood crossarms.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Epoxiglas® Arm Dia &amp; Length</th>
<th>Number of Wireholders</th>
<th>Fits Maximum Crossarm Size</th>
<th>Max. Vertical Loading per Wireholder</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC4004101</td>
<td>2¾&quot; x 6'</td>
<td>2</td>
<td>3¾&quot; x 4¾&quot;</td>
<td>150 lb.</td>
</tr>
<tr>
<td>PSC4004102</td>
<td>2½&quot; x 5'</td>
<td>1</td>
<td>3¾&quot; x 4¾&quot;</td>
<td>150 lb.</td>
</tr>
</tbody>
</table>

**Universal Extension Arm Retrofit Kit**
- Allows conversion of wood-only Extension Arms to Universal Extension Arms.

Universal Extension Arm Retrofit Kit PSC4004103

Kit instructions show how to cut off the old end fitting and drill for the attachment of the new bolt-on end fitting.

Conversion permits easy removal of the Crossarm Clamp for periodic reconditioning of the pole.
FLEXIBLE COVERS

NEW RUBBER COVER UP SELECTIONS

FEATURES & APPLICATIONS
- Rubber Stinger Cover provides the flexibility needed to use on stingers in addition to overhead lines
- Rubber Insulating Crossarm Cover provides insulation to support conductors in line hose during energized maintenance
- Ozone/corona-resistant elastomer provides protection from accidental brush contact
- Meet or exceed ASTM D1049 & D1050
- Class 2 Type II (ozone-resistant) – max. use 17kV phase-to-phase
- Rubber Stinger Cover – max. conductor size of 1.1” (28mm)
- Rubber Insulating Crossarm Cover – max. crossarm size of 4” (102mm) x 4.5” (114mm)

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC4060672</td>
<td>Class 2 Type II Rubber Insulating Crossarm Cover</td>
<td>3.1 lb (1.4 kg)</td>
</tr>
<tr>
<td>PSC4060674</td>
<td>Class 2 Type II Rubber Stinger Cover 35.0” (888 mm)</td>
<td>3.0 lb (1.4 kg)</td>
</tr>
<tr>
<td>PSC4060675</td>
<td>Class 2 Type II Rubber Stinger Cover 15.8” (400 mm)</td>
<td>1.2 lb (0.5 kg)</td>
</tr>
</tbody>
</table>

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CLASS 4
UNIVERSAL HOT COVER

NEW STACKABLE DESIGN

FEATURES & BENEFITS
• Uses less storage space
• Made from Polyethylene
• Rated per ASTM F712 to Class 4 - 36.6 kV covered phase-to-covered phase
• Use with Rubber Gloves or Hotsticks
• Secure with included bungee cord
• Used to cover up post insulators, cable terminations, arresters and potheads

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC4060692</td>
<td>Class 4 Universal Hot Cover</td>
</tr>
</tbody>
</table>
# ABS POLE COVERS

## NEW CLASS 4 ABS SELECTION

### FEATURES AND APPLICATIONS
- Meets or exceeds ASTM F712
- Class 4 (36.6kV Covered Phase-to-Covered Phase)
- Protection from accidental brush contact with energized components during pole removal/installation and other line maintenance
- Made of ABS plastic
- Covers can be joined by overlapping impressions

### CATALOG NO.       DIAMETER       LENGTH
--- | --- | ---
PSC4060699 | 9in. (22.9cm) | 72in. (182.9cm)
PSC4060700 | 9in. (22.9cm) | 48in. (121.9cm)
PSC4060701 | 9in. (22.9cm) | 36in. (91.4cm)
PSC4060702 | 9in. (22.9cm) | 24in. (61.0cm)
PSC4060703 | 9in. (22.9cm) | 12in. (30.5cm)
PSC4060704 | 12in. (30.5cm) | 72in. (182.9cm)
PSC4060705 | 12in. (30.5cm) | 48in. (121.9cm)
PSC4060706 | 12in. (30.5cm) | 24in. (61.0cm)
PSC4060707 | 12in. (30.5cm) | 12in. (30.5cm)
22” X 22”
SLOTTED BLANKETS

NEW RUBBER BLANKET SELECTION
CLASS 2 TYPE II

FEATURES AND APPLICATIONS:
• Meets or exceeds ASTM Standard Specification D1048
• Class 2 Type II (ozone-resistant)
• Protection from accidental brush contact with energized components during line maintenance
• Made of ozone/corona-resistant elastomer
• Special formulation exhibits superior resistance to long-term aging/checking
• Standard package quantity is 12
• 1.5 inch (38 mm) diameter center hole
• 12 eyelets

CATALOG NUMBER
• PSC4060708

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NEW RUBBER BLANKET SELECTION
CLASS 4 TYPE II

FEATURES AND APPLICATIONS:
• Meets ASTM Standard Specification D1048
• For Class 4 Type II (ozone-resistant)
• Protection from accidental brush contact with energized components during line maintenance
• Made of ozone/corona-resistant elastomer
• Special formulation exhibits superior resistance to long-term aging/checking
• Standard package quantity is 12
• 28 eyelets

CATALOG NUMBER
• PSC13

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CLASS 2 TEMPORARY CONDUCTOR COVER

15KV GUARDED PHASE-TO-GUARDED PHASE

FEATURES AND APPLICATIONS

• Lightweight - 50% the weight of similar rubber hose
• Rated 8.4kV phase to ground / 15kV guarded phase to guarded phase. (Brush contact only)
• Meets ASTM F712 Class 2
• Available in 5 or 6 ft models
• High visibility orange color
• Secure locking feature / male and female connecting ends
• Larger ID than traditional class 2 rubber hoses (1.75 in. compared to 1.25 in.)

Cover will couple with major brands of rubber line hose and insulator covers.

<table>
<thead>
<tr>
<th>CATALOG NO.</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC4060616</td>
<td>5’ Class 2 Conductor Cover</td>
<td>1.7 lb. / 0.77 kg.</td>
</tr>
<tr>
<td>PSC4060617</td>
<td>6’ Class 2 Conductor Cover</td>
<td>2.0 lb. / 0.90 kg.</td>
</tr>
</tbody>
</table>

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CUTOUT COVERS

NEW FLEXIBLE RUBBER SELECTION
CLASS 2 TYPE II RUBBER COVER

FEATURES AND APPLICATIONS:
- For use on Overhead Cutouts
- Conforms to ASTM D1049
- Dimensions of 24" x 15" x 3.75"

CATALOG NUMBER
- PSC24CC

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COVER ALL THREE PHASES

The Barrier Board is designed to cover all three phases of a 12kV or 25kV horizontal disconnect switch in a substation. The Barrier Board acts as a physical barrier between the open switch and the bus. It lifts easily with shotgun sticks for proper placement. The barrier covers the lower blade portion of the disconnect switch so that work can be performed on the bottom side of the switch.

FEATURES
• Designed to fit 12kV or 25kV disconnect switches
• Compatible with 30” and 36” spacing
• Puncture Strength - 300 V/mil (approx .25 in thickness)
• Provided with Gripall adapters (2 positions)
• High visibility orange color
• Provided with yellow vinyl bag
• Available as individual item or 2 per kit

<table>
<thead>
<tr>
<th>CATALOG NO.</th>
<th>DESCRIPTION</th>
<th>DIMENSIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC4060648</td>
<td>Board Barrier</td>
<td>84” x 19” x 5”</td>
<td>17 lb. / 7.7 kg.</td>
</tr>
<tr>
<td>PSC4060651</td>
<td>Kit (2 Barriers and Bag)</td>
<td>84” x 19” x 5”</td>
<td>35 lb. / 15.9</td>
</tr>
<tr>
<td>PSC4060650</td>
<td>Bag</td>
<td>86” with handles</td>
<td>1 lb. / .45kg</td>
</tr>
</tbody>
</table>

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