Powerpole[®] Connectors PP75 - Up to 120 Amps



PP75 with Mounting Wings

PP75 series Powerpole[®] housings can be used for wire-to-wire, wire-to-board, and wire-to-busbar applications. Wire sizes from 16 to 6 AWG (1.3 to 13.3 mm²) offer power capabilities up to 120 amps per pole. Locking housings offer the capability to secure Powerpole[®] housings to each other and to mounting pads. Housings made from chemical resistant (CR) resin withstand industrial solvents better than standard housings.

- Large Wire Range Accommodates up to 6 (10 mm²) Wire Reducing bushings allow as small as 16 AWG (1.5 mm²) wire to be used
- Wire, PCB, and Busbar Contacts Allows one connection system to meet multiple needs
- Mini-Powerclaw PCB Contacts Minimize PCB Footprint Removes the PP75 housing from the board side

PP75 ORDERING INFORMATION

PP75 Standard Housings

The second smallest Powerpole® housing can be used with wire contacts up to 6 AWG (10 mm²) as well as PCB and busbar contacts.

| Description | Part Nur | nbers |
|------------------|------------|---------|
| Minimum Quantity | 1,000 | 100 |
| Red | 5916G7-BK | 5916G7 |
| Green | 5916G6-BK | 5916G6 |
| Black | 5916G4-BK | 5916G4 |
| White | 5916G5-BK | 5916G5 |
| Blue | 5916-BK | 5916 |
| Yellow | 5916G15-BK | 5916G15 |
| Orange | 5916G14-BK | 5916G14 |
| Gray | 5916G16-BK | 5916G16 |

PP75 Chemical Resistant (CR) Housings

Has the same form and dimensions of the standard PP75 housing in a chemical resistant PBT / PC blend housing. Suitable for use to -40°C.

| Part Numbers |
|--------------|
| 1,000 |
| P5916G7-BK |
| P5916G4-BK |
| P5916G5-BK |
| P5916-BK |
| |

PP75 Locking Dovetail Housings

Offers dovetails for stacking housings that have a locking feature to prevent housings separating. Can mate to standard and chemical resistant housings, but cannot be stacked with them.

| Description | Part Numb | ers |
|------------------|-------------|----------|
| Minimum Quantity | 1,000 | 100 |
| Red | 75LOKRED-BK | 75LOKRED |
| Green | 75LOKGRN-BK | 75LOKGRN |
| Black | 75LOKBLK-BK | 75LOKBLK |
| White | 75LOKWHT-BK | 75LOKWHT |
| Blue | 75LOKBLU-BK | 75LOKBLU |
| Gray | 75LOKGRA-BK | 75LOKGRA |

[15.9] [47.9] 0.62 1 88 [15.9] [17.0] 0.62 0.67 [81.3] 3.20

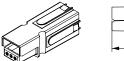
Front View

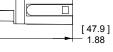
Mated Length



V0 = Standard P = Chemical Resistant







All Data Subject To Change Without Notice



PP75 Premate Ground Housings

Offers a first-mate, last-break connection when stacked together with PP75 housings. Stacks together with PP75 standard and chemical resistant housings. Housings are mechanically keyed to prevent cross mating with power positions.

Silver plated contacts offer the best electrical performance and durability up to 10,000 mating cycles. See reducing bushings in accessory section for smaller wires.

1,000

1307-BK

5900-BK

5952-BK

5953-BK

5915-BK

Loose Piece

Part Numbers

100

1307

5900

5952

5953

5915

Dimensions

- A -

inches mm

5.59

5.59

4.83

3.56

3.56

0.22

0.22

0.19

0.14

0.14

| Description | Part Num | bers |
|------------------|-----------|--------|
| Minimum Quantity | 1,000 | 100 |
| Green | 5927G6-BK | 5927G6 |

PP75 Silver Plated Wire Contacts

mm²

13.3

13.3

84

Minimum Quantity

Mating

Force

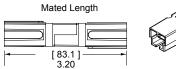
Low

High

High

3.3 to 5.3 Low

3.3 to 5.3 High





AWG

6

6

8

12 to 10

12 to 10

PP75 Premate Ground Wire Contacts

Silver plated contacts for use with the PP75 Premate Ground Housing. Rated to 10,000 mating cycles.

| | | | | | Dimens | ions |
|------------|----------|------------|-----------|--------|--------|------|
| | | | Loose F | liece | - A | - |
| Туре | AWG | mm² | Part Nun | nbers | inches | mm |
| Minimum (| Quantity | | 1,000 | 100 | | |
| Individual | 6 | 13.3 | 1875G1-BK | 1875G1 | 0.22 | 5.59 |
| Individual | 8 | 8.4 | 1875G2-BK | 1875G2 | 0.19 | 4.83 |
| Individual | 12 to 10 | 3.3 to 5.3 | 1875G3-BK | 1875G3 | 0.14 | 3.56 |

PP75 Silver Plated Busbar Contacts

Provide a quick disconnect input or output busbar connection. Busbar contacts are for mating with wire contacts only. Part number 75BBS includes lock nuts. Locknuts must be ordered separately for B01915P1.

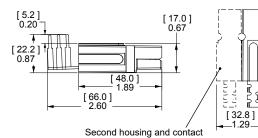
| | | Mating | | | |
|-----------|----------|--------|----------|-------------|-------|
| Туре | Thread | Force | P | art Numbers | S |
| Minimum (| Quantity | | 1,000 | 20 | 10 |
| Busbar | 10-24 | High | B01915P1 | - | 75BBS |
| Lock Nut | 10-24 | - | H1216P8 | 110G54 | - |
| | | | | | |

55A Right Angle Standard Powerclaw PCB Contacts

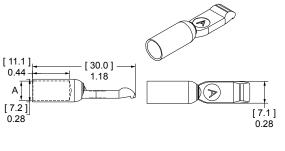
Standard Powerclaw contacts are for use inside a PP75 housing and provide a color-coded right angle connection to the PCB.

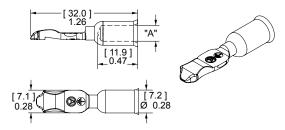
| Description | Loose Piece F | Part Numbers |
|------------------|---------------|--------------|
| Minimum Quantity | 500 | 100 |
| Tin Plated | PC5930T-BK | PC5930T |
| Silver Plated | PC5930S-BK | PC5930S |

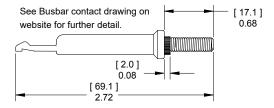


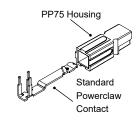


in two pole version only.









- 42 -

55A Right Angle Mini Powerclaw PCB Contacts

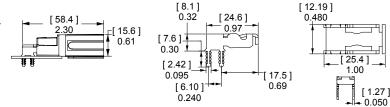
Right angle Mini Powerclaw contacts can be used on the PCB edge without a PP75 housing on the PCB side. A self polarizing design only allow PP75 wire housings to mate to PCB contacts one way.

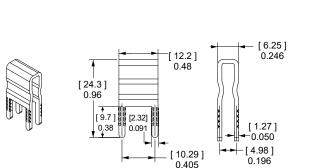
| | Loose Piece | |
|------------------|-------------|---------|
| Description | Part Nur | nbers |
| Minimum Quantity | 1,000 | 100 |
| Tin Plated | PC5934T-BK | PC5934T |
| Silver Plated | PC5934S-BK | PC5934S |
| | | |



Vertical Mini Powerclaw contacts save space by not requiring a PP75 housing on the PCB side. The guide housing is required for 2 pole applications to provide a polarized connection. (See PP75 accessories).

| Description | Loose F Part Nun | |
|------------------|---------------------|---------|
| Minimum Quantity | 1,500 | 100 |
| Tin Plated | PC5933T-BK | PC5933T |
| Silver Plated | PC5933S-BK | PC5933S |

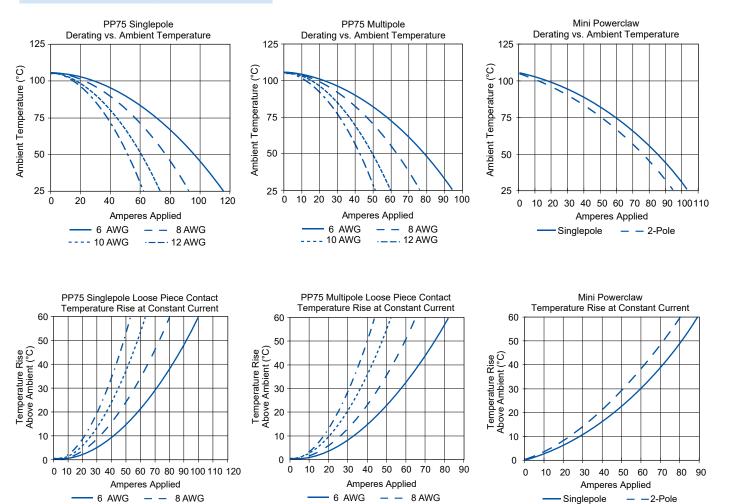




See PCB contact drawing on website for further detail.

PP75 CONNECTOR TEMPERATURE CHARTS - Temperature rise charts are based on a 25°C ambient temperature.

Current - Temperature Derating per IEC 60512-5-2 Test 5B



NOTE: Powerclaw charts are based on 8 AWG equivalent copper foil on board side, mated to 6 AWG conductor on wire side.

---- 10 AWG

·--· 12 AWG

---- 10 AWG

•--• 12 AWG



- 43 -

PP75 SPECIFICATIONS

| ELECTRICAL | | | | MECHANICAL | | |
|---|-----------------------|------------------------------|---------------------|---|-------------------|-------------|
| Current Rating Amperes ¹ | UL | 1977 | CSA | Wire Size Range | AWG | mm² |
| Wire-to-Wire (6 AWG) | 120 |) | 70 | Wire Contacts with Bushings | 16 to 6 | 1.3 to |
| Wire-to-PCB (6 AWG) | 55 | | 50 | Max. Wire Insulation Diameter | in. | mm |
| Wire-to-Busbar (6 AWG) | 75 | | | | 0.437 | 11.100 |
| Voltage Rating AC/DC | | | | Operating Temperature ² | °F | °C |
| UL 1977 | 600 |) | | Standard & Ground | -4° to 221° | -20° to |
| PCB Connector Recommended Vo | ltage ³ | | | Chemical Resistant* | -40 to 221° | -40° to |
| per IEC 60950-1 Table 2L Pollution | Degree ² | | | *Chemical resistant material not available | for PCB guide I | nousings |
| Mini Vert. Contact Adjacent Poles | s 220 |) | | Mating Cycles No Load by Plating | Silver (Ag) | Tin (Sn |
| Mini Horiz. Contact Adjacent Pole | es 200 |) | | Wire and PCB Contacts | 10,000 | 1,500 |
| Standard Contact Adjacent Poles | 635 | 5 | | Avg. Mating / Unmating Force | Lbf. | N |
| Dielectric Withstanding Voltage | | | | Wire to Wire Low Force Contacts | 5 | 22 |
| Volts AC | 2,20 | 00 | | Wire to Wire High Force Contacts | 7 | 31 |
| Avg. Mated Contact Resistance M | illiohms ¹ | | | Standard Powerclaw to Wire | 7 | 31 |
| Wire Contact with 1 1/4" of 6 AW | /G 0.20 | 00 | | Mini Powerclaw to Wire | 4 | 17 |
| PCB Contact to Contact | 0.50 | 00 | | PCB Specifications | | |
| UL Hot Plug Current Rating Amperes - 250 Cycles at 120V DC 6 | | Mounting Style | Plated Through Hole | | | |
| Wire-to-Wire 50A | | Max PCB Thickness - in. (mm) | Standard: 0.1 | | | |
| PCB to Wire (Vertical Mini Powerclaw) 404 | | Ą | | , , , , , , , , , , , , , , , , , , , | | 25 (0.635 |
| UL Ground Short Time Current Test - 75A Premate Ground | | Recommended Traces | 8 AWG Cross | Section | | |
| 1530 Amps, 6 AWG Wire | 6 Se | econds | | Min. Contact / Spring Retention Force | Lbf. | Ν |
| | | | | Wire Housing | 50 | 222 |
| | | | | Min. Creepage / Clearance Distance PCB | in. | mm |
| MATERIAL | | | | Standard Powerclaw Adjacent Poles | 0.260 | 6.6 |
| Housing | | | | Mini Vert. Powerclaw Adjacent Poles | 0.087 | 2.2 |
| Standard Plastic Resin | Polycarbonate | 5 | | Mini Horz. Powerclaw Adjacent Poles | 0.079 | 2.0 |
| Chem. Resistant Resin | Polycarbonate | e / PBT b | olend | Mechanical Shock ⁵ | , | 2.0 |
| Contact Retention Spring | Stainless Stee | | | _ | 213 | 50 1 |
| Housing Flammability Rating | | | | MIL-STD-202 | Condition A | 50g′s |
| UL94 | V-0 | | | Vibration High Frequency ⁵ | 204 | 10g′s |
| Glow Wire | 960°C (GWFI) | / 800°C | (GWIT) | MIL-STD-202 | Condition A | 0 - |
| Contact | | | | | REA | сн |
| Base | Copper Alloy | | | | (RoHS) | ANCE |
| Wire Plating | Silver | | | CRUS File No. E26226 CSA Certified File No. LR25154 | V APP | P |
| PCB Plating | Sn or Ag over | Ni | | NOTE 1. Soo IEC COCCA 1 for working with | | |
| Contact Termination Methods | | | | NOTE 1: See IEC 60664-1 for working volta NOTE 2: Amp ratings are stated per positio | - | all positic |
| Crimp ⁴ | Wire Contacts | | | being fully loaded. | | , |
| Hand Solder | Wire and PCB | Contact | tc | 1 Pacad on: 105°C rated or better cable o | fthe largest size | Droportu |

- 1 Based on: 105°C rated or better cable of the largest size. Properly calibrated APP® recommended tooling, and a 25°C ambient temperature. UL rating not to exceed the maximum operating temperature. CSA rating below a 30°C temperature rise.
- 2 Limited by the thermal properties of the connector plastic housing.
- 3 Without use of spacers to increase creepage and clearance distances.
- 4 Use APP[®] recommended tooling only. Alternate tools may adversely affect the performance of our connectors along with UL and CSA recognition.
- 5 Tested with contact part number 5900.
- 6 Based on 2 housings blocked together.

APP - 44 www.andersonpower.com

Hand Solder

Wave Solder

Wrench / Socket

Solder Dip

Wire and PCB Contacts

PCB Contacts

PCB Contacts

Busbar Contacts

IEC INFORMATION

| Connector Series | Configurations | | Creepage / Clearance per IEC 60950-1 | Material Group |
|------------------|--------------------|---------|---|-------------------|
| | Single Pole | Unmated | 2.97 mm | |
| 0075 | | Mated | 2.97 mm | Ша |
| PP75 | Stacked Powerpole® | Unmated | 2.97 mm | llla |
| | | Mated | 2.97 mm | |

| | PP75 |
|---|---|
| AMP Rating AC/DC | 75 |
| Voltage Rating AC/DC (Steady State) | 250 V AC/DC (Operational) |
| Breaking Capacity - AMP Rating / Cycles | 75 Amp / 10 Cycles |
| Voltage Rating (Breaking Capacity) | 220 VDC |
| FINGER Safety - Mated Only | IEC 60529 - IP20 |
| Wire Size Tested | 16 mm² |
| Contact Series Tested | 5900 |
| Climatic Testing (Cold, Heat & MFG) | IEC 60512 Test-11j, 11i & 11g |
| Cycle Life | IEC 60512 Test 9a - 5,000 Cycles |
| Mechanical Strength Impact | IEC 60512-5 @ 29.5 Inches - Dropped 8 Times |
| Temperature Range | -20°C to 105°C |
| | -4°F to 221°F |

PROTECTION

Touch Safety with Wire Contacts

IP10

IEC 60529



POWERPOLE® PP75 ACCESSORIES

Strain Relief Grommets

Use for strain relief in the back side of a PP75 housing. Wire gauge given for reference only, use grommet ID and wire OD to determine suitability in the end application.

| | Dimensions - A - |
|--------------|-----------------------------|
| Part Numbers | inches mm |
| 100 | |
| 114411P2 | 0.35 8.89 |
| 114411P1 | 0.25 6.35 |
| 114411P3 | 0.17 4.32 |
| | 100 114411P2 114411P1 |

Mounting Wing for Standard or CR Housings

Mounting wings can be used to secure dovetailed Powerpole[®] 75 series housings by passing fasteners through the wings in either a horizontal or vertical orientation. Useful for sheet metal panels, printed circuit boards, and many other mounting surfaces. Fasteners not included.

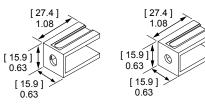
| Description | Part Numbers | | | | |
|------------------|--------------|---------|--|--|--|
| Minimum Quantity | 1,000 | 100 | | | |
| Blue, Round Hole | 1399G20-BK | 1399G20 | | | |
| Blue, Oval Hole | 1399G7-BK | 1399G7 | | | |

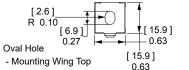
Mounting Wing for Locking Housings

Mounting wings can be used to secure Powerpole® 75 series housings with locking dovetails by passing fasteners through the wings in either a horizontal or vertical orientation. Useful for sheet metal panels, printed circuit boards, and many other mounting surfaces. Fasteners not included.

| Description | Part Numbers | | | | | |
|------------------|------------------|---------------|--|--|--|--|
| Minimum Quantity | 1,000 | 100 | | | | |
| Blue, Oval Hole | 75LOKWNGBLU-BK | 75LOKWNGBLU | | | | |
| Blue, Round Hole | 75LOKWNGBLU-R-BK | 75LOKWNGBLU-R | | | | |



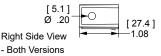






Round Hole - Mounting Wing Top

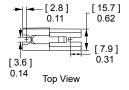




Surface Mount for Locking Housings

Use to secure Powerpole[®] 75 series housings with locking dovetails to a flat surface. Useful for sheet metal panels, printed circuit boards, and many other mounting surfaces. Fasteners not included.

| Description | Part Numbers | | | | | |
|------------------|----------------|-------------|--|--|--|--|
| Minimum Quantity | 1,000 | 100 | | | | |
| Blue | 75LOKSMTBLU-BK | 75LOKSMTBLU | | | | |





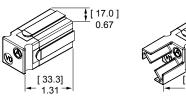
Side View

Spacer

- 46 -

Use to separate housings under high power to minimize power capability derating due to heat rise. They are recommended for squaring off a block of Powerpole® 75 housings to enable mounting accessories or retaining pins to be used. Combining long and short spacers opposite each other in a mated block adds keying features, or use two short spacers to avoid interference.

| Description | Part Numbers | | | | |
|------------------|--------------|---------|--|--|--|
| Minimum Quantity | 1000 | 100 | | | |
| Red, Short | 1399G23-BK | 1399G23 | | | |
| Red, Long | 1399G21-BK | 1399G21 | | | |





[47.6]

Long

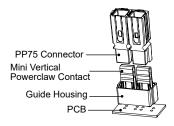
[17.0]

0.67

Guide Housings for Vertical Mini Powerclaw Contacts

Prevents polarity being reversed when a two pole PP75 block is mated to vertical mini Powerclaw contacts. Fastening hardware not included.

| Description | Part Numbers | | | | | |
|---------------------|--------------|-----------|--|--|--|--|
| Minimum Quantity | 1,000 | 100 | | | | |
| Black Guide Housing | PC-HSG-PP-BK | PC-HSG-PP | | | | |

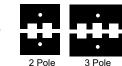


Mounting Clamp

Mounting clamps can be used for fastening a block of Powerpole® 75 series housings to a panel. Connector blocks must be a complete square for the clamps to work properly. Fastening hardware not included.

| Description | Part Numbers |
|------------------|--------------|
| Minimum Quantity | 50 sets of 2 |
| 2 or 4 Pole | 1463G1 |
| 3 or 6 Pole | 1463G2 |

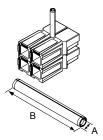




Retaining Pins

Retaining pins are used to keep stacked Powerpole® 75 series housings from separating. Retaining pins are inserted in the circular opening between two housings stacked side by side. Dimension B is +/- 0.015 in or 0.38 mm.

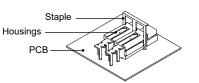
| | | | Dimensions | | | | |
|------------------|----------|--------|---------------|-------------|--------|--------|--|
| | | | - A - | - A - | | | |
| Description | Part Nu | mbers | inches | mm | inches | mm | |
| Minimum Quantity | 1,000 | 100 | | | | | |
| 1 Block High | 111812P7 | 110G19 | 0.196 / 0.207 | 4.98 / 5.26 | 0.560 | 14.220 | |
| 2 Block High | 111812P6 | 110G18 | 0.196 / 0.207 | 4.98 / 5.26 | 1.000 | 25.400 | |



PCB Mounting Staples

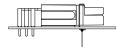
Reduce strain on solder joints during mating and unmating. Staples bend over the underside of the PCB board to lock the housings in place. Staples are an interference fit with housings.

| Part Number | Number of Stacked Powerpole® H x W |
|------------------|------------------------------------|
| Minimum Quantity | 100 |
| PCSTAPLE-2 | 1 x 2 |
| | |



Panel

Slide staple over housings and into the holes in the board.

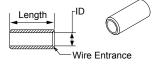


Fasten the staple by bending the leads on the bottom of the board.

Reducing Bushings

Use with contact part number 5900-BK or 1307-BK to allow a smaller wire to be used with the connector. Electrical capability is derated with smaller wire.

| | | | | | | | Dime | ensions | |
|---------------------|----------|------------|---------|---------|------|--------|------|---------|--------|
| Contact Barrel Siz | e Wire | Size | | | | - IE |) - | - Ler | ngth - |
| AWG mm ² | AWG | mm² | F | inches | mm | Inches | mm | | |
| Minimum Quantity | r | | 3,000 | 1,000 | 100 | | | | |
| 6 13.3 | 8 | 8.4 | - | 5912-BK | 5912 | 0.18 | 4.57 | 0.45 | 11.43 |
| 6 13.3 | 12 to 10 | 3.3 to 5.3 | 5910-BK | - | 5910 | 0.14 | 3.56 | 0.47 | 11.94 |
| 6 13.3 | 16 to 14 | 1.3 to 2.1 | 5913-BK | - | 5913 | 0.09 | 2.29 | 0.47 | 11.94 |



For environmentally sealed connector shells to hold Powerpole® 15 to 180 connectors, see SPEC Pak® product series on our website www.andersonpower.com







- 47 -

Powerpole®

Tooling Information - APP[®] Applicators are Mechanical Feed Style and do not Require an Air Feed Kit.

| AWG NGmm*In PlatingSliver PlatingHand ToolOR NBench Tool*Dee tool*Decator*Decatorof Cr16 to 201.3 to 0.52N/A13321.309G2 (26G1-PBK1.310 0.52262G1-PBK262G2-PBK1.309G3 (150 0.52262G1-PBK262G2-PBK1.309G3 (150 0.521.300 0.52269G2-PBKN/A1.309G3 (150 0.521.300 0.52269G2-PBKN/A1.309G3 (150 0.521.300 0.52269G2-PBKN/A1.309G3 (150 0.521.309G3 (150 0.52< | Wire | e Size | Loose Piece | Part Number | | | Loose Pie | ece (| Contact Crir | np 1 | Tools | | | | |
|--|-------------|-------------|-------------------|----------------|----------------|------------|-------------|--------|--------------|---------|---------|---------------------|--------|--------|--|
| 16 to 20 13 to 0.52 N/A 1332 1309G2 of of 1309G2 of 1309G2 of 1309G3 1309G3 of 1309G | AWG | mm² | Tin Plating | Silver Plating | Hand Tool | OR | Bench | + | Die | + | Locator | Number of Crimps | | | |
| 12 to 16 3.3 to 1.3 N/A 1331 130962 o'''''''''''''''''''''''''''''''''''' | | | | PP15 / 4 | 45 Flat Wiping | g Pow | er & Ground | | | | | | | | |
| | 16 to 20 | 1.3 to 0.52 | N/A | 1332 | | | | | | | | | | | |
| 16 16 20 1.3 10.0.2 2621-1PK 2462-1PK 130968 1406 16 0.0 3.1 0.10 2662-1PK 26163-1PK 2616- | 12 to 16 | 3.3 to 1.3 | N/A | 1331 | | | | | | | | | | | |
| 161020 1310.052 26962-LPBK N/A Image: Constraint of the section of the s | 16 to 20 | 1.3 to 0.52 | 262G1-LPBK | 262G2-LPBK | | | | | | | | | | | |
| 1010 14 13 5.1 5.1251G2-LPBK 269G3-LPBK 3.3 to 1.3261G3-LPBK 269G3-LPBK 3.3 to 2.11010 269G3-LPBK | 16 to 20 | 1.3 to 0.52 | 269G2-LPBK | N/A | | | | | | | | | | | |
| 1010 10 1010 111010 10 1010 111010 11 1010 111000 11 1000 111000 11 10 | 12 to 16 | 3.3 to 1.3 | 261G1-LPBK | N/A | | | | | | | | | | | |
| 12 to 16 3.3 to 1.3 269G1-PBK N/A 1399G8 1399G8 1309G8 1309G8 14000 14000 5.3 to 2.1 259G3.1-PBK N/A 1309G8 1389G1 1389G1 <td< td=""><td>10 to 14</td><td>5.3 to 2.1</td><td>261G2-LPBK</td><td>261G3-LPBK</td><td></td><td></td><td>NI/A</td><td></td><td></td><td></td><td>NI / A</td><td>Single</td></td<> | 10 to 14 | 5.3 to 2.1 | 261G2-LPBK | 261G3-LPBK | | | NI/A | | | | NI / A | Single | | | |
| 101014 5.3 to 2.1 2693-14PK VA Image: Constraint of the section of the s | 12 to 16 | 3.3 to 1.3 | 269G1-LPBK | N/A | | | N/A | | N/A | | N/A | Single | | | |
| 10 to 14 5.3 to 2.1 201G1H-LPBK N/A 1309G6 or 300G8 Image: state sta | 10 to 14 | 5.3 to 2.1 | 269G3-LPBK | N/A | | | | | | | | | | | |
| 1010 14 5.3 to 2.1 2016 IH-IPK N/A or 310 to 14 5.3 to 2.1 1830G1-LPK 1830G2-LPK or | 10 to 14 | 5.3 to 2.1 | 200G1L-LPBK | 200G3L-LPBK | | | | | | | | | | | |
| 310 to 14 5.3 to 2.1 1830G1-LPBK 1309G2-LPBK 1309G8 I | 10 to 14 | 5.3 to 2.1 | 201G1H-LPBK | N/A | | | | | | | | | | | |
| 6 13.3 1307 5900 138960 138960 8 8.4 187561 138961 138960 | 310 to 14 | 5.3 to 2.1 | 1830G1-LPBK | 1830G2-LPBK | | | | | | | | | | | |
| 6 13.3 5900 5900 138964 138964 138964 1389621 <td></td> <td>1</td> <td>1</td> <td></td> <td>PP7</td> <td>5</td> <td>1</td> <td></td> <td>1</td> <td></td> <td>1</td> <td>1</td> | | 1 | 1 | | PP7 | 5 | 1 | | 1 | | 1 | 1 | | | |
| 50059059076 | | | | 1307 | | | | | | | | | | | |
| no n | 6 | 13.3 | | 5900 | _ | | | | | | 1389G6 | | | | |
| 10 to 12 5.3 to 3.3 Ia7562 Ia7562 Ia7562 Ia8761 Ia860 Ia89621 | 8 | 8.4 | | 1875G1 | _ | | | 1388G6 | | 1389G21 | | | | | |
| 10 to 12 5.3 to 3.3 Image: state interval and image: | | | | 5952 | 100001 | | 100701 | | | | 1389G6 | | | | |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | 10 to 12 | 5.3 to 3.3 | N/A | 1875G2 | 1309G4 | | 138/G1 | | | | | 1389G21 | Single | | |
| 5915 5915 138867 138867 1 <th1< th=""> <th1< th=""> <th1< th=""></th1<></th1<></th1<> | | | | 5953 | | | | | | | | | | 100000 | |
| 1/0 53.5 1323G2 1323G1 1323G1 1388G3 1388G3 1388G4 1389G4 Single 2 33.6 N/A 1319 1368 Series 1387G1 1388G4 1389G4 Single 4 21.2 1319G4 1319G4 1319G4 1319G4 1388G4 1388G4 Single 3/0 85 1328G1 1328G1 1328G1 1387G2 1303G12 1303G12 1304G32 Doub 1/0 53.5 N/A 1347 1368 Series 1387G2 1387G2 1303G12 1304G32 Doub | | | | 5915 | | | | 1388G7 | 1388G7 | 1388G7 | | 1389G6 | | | |
| 1/0 53.5 1323G2 1323G1 1323G1 13863 13863 1388G3 1389G4 1389G4 <t< td=""><td></td><td></td><td></td><td>1875G3</td><td></td><td></td><td></td><td></td><td></td><td></td><td>1389G21</td><td></td></t<> | | | | 1875G3 | | | | | | | 1389G21 | | | | |
| 1 42.4 2 33.6 4 21.2 1319 1319G4 1319G4 1328G1 1328G1 1387G2 1303G12 1304G32 1304G32 Doub | | | | _ | PP12 | 20 | 1 | | | | 1 | | | | |
| 1 42.4 1323G1 1323G1 1368 Series 1387G1 Image: Constraint of the series of th | 1/0 | 53.5 | | 1323G2 | | | | | 1200.02 | | | | | | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 1 | 42.4 | | 1323G1 | | | | | 138863 | | | | | | |
| 6 13.3 1319G6 I I I I I I I 3/0 85 1328G2 1328G1 1328G1 1303G12 1304G32 100ub 1 42.4 N/A 1347 1368 Series 1387G2 1387G2 1303G12 1304G32 100ub | 2 | 33.6 | N/A | 1319 | 1368 Series | | 1387G1 | | | | 1389G4 | Single | | | |
| PP180 3/0 85 1328G2 1303G12 1303G12 2/0 53.5 1328G1 1382 1303G12 1303G12 1/0 53.5 1382 1387G2 1303G12 1304G32 1 42.4 N/A 1347 1368 Series 1387G2 100 | 4 | 21.2 | | 1319G4 | | | | | 1388G4 | | | | | | |
| 3/0 85 2/0 53.5 1/0 53.5 1 42.4 N/A 1347 1368 Series | 6 | 13.3 | | 1319G6 | | | | | | | | | | | |
| 2/0 53.5 1328G1 1303G12 1303G12 1/0 53.5 1382 1387G2 1304G32 Doub | | | | | PP18 | 30 | | | | | | | | | |
| 2/0 53.5 1328G1 1328G1 1382 1/0 53.5 1382 1387G2 1304G32 1 42.4 N/A 1347 1368 Series | 3/0 | 85 | | 1328G2 | | | | | 1202012 | | | | | | |
| 1 42.4 N/A 1347 1368 Series 1387G2 1304G32 Doub | 2/0 | 53.5 | | 1328G1 | | | | | 1303012 | | | | | | |
| 1 42.4 N/A 1347 1368 Series | 1/0 | 53.5 | | 1382 | | | | | | 1204022 | Double | | | | |
| | 1 | 42.4 | N/A | 1347 | 1368 Series | 368 Series | 120/02 | | 1202012 | | 1304032 | Double | | | |
| 2 33.6 1383 | 2 | 33.6 | | 1383 | | | | | 2196023 | | | | | | |
| 4 21.1 1384 | 4 | 21.1 | | 1384 | | | | | | | | | | | |
| 6 13.3 1348 1387G1 1388G4 1389G3 Single | 6 | 13.3 | | 1348 | | | 1387G1 | | 1388G4 | | 1389G3 | Single | | | |
| Insertion / Extraction Tool for PP15/45 Contacts = 111038G2 | Insertion / | | ol for PP15/45 Co | | 2 | | | | 1 | 1 | 1 | - | | | |

NOTE: see website for the most current information.

- 56 -

| Wire Size | | /ire Size Reeled Pa | | Reeled Cont | tact | Crimp Tools |
|-----------|-------------|---------------------|----------------|--------------------------------|------|--------------------------------|
| AWG | mm² | Tin Plating | Silver Plating | APP [®] Applicator | + | APP [®] Press |
| | | PP15/45 Fla | at Wiping Powe | r & Ground | | |
| 16 to 20 | 1.3 to 0.52 | 262G1 | 262G2 | | | |
| 16 to 20 | 1.3 to 0.52 | 269G2 | N/A | | | |
| 12 to 16 | 3.3 to 1.3 | 261G1 | N/A | TD0101 | | |
| 10 to 14 | 5.3 to 2.1 | 261G2 | 261G3 | 100101 | | |
| 12 to 16 | 3.3 to 1.3 | 269G1 | N/A | | | 115V = TE0101 230V = TE0102 |
| 10 to 14 | 5.3 to 2.1 | 269G3 | N/A | | | 2007 120202 |
| 10 to 14 | 5.3 to 2.1 | 200G1L | 200G3L | | | |
| 10 to 14 | 5.3 to 2.1 | 201G1H | N/A | TD0102 | | |
| 10 to 14 | 5.3 to 2.1 | 1830G1 | 1830G2 | | | |

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