## Powerpole<sup>®</sup> Connectors PP75 - Up to 120 Amps



PP75 with Mounting Wings

PP75 series Powerpole<sup>®</sup> 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 mm<sup>2</sup>) offer power capabilities up to 120 amps per pole. Locking housings offer the capability to secure Powerpole<sup>®</sup> 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 mm<sup>2</sup>) Wire Reducing bushings allow as small as 16 AWG (1.5 mm<sup>2</sup>) 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 mm<sup>2</sup>) 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

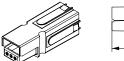
Front View

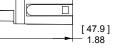
Mated Length



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** 

mm<sup>2</sup>

13.3

13.3

84

Minimum Quantity

Mating

Force

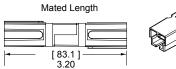
Low

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.

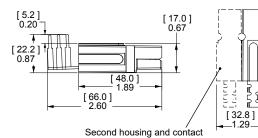
		Mating			
Туре	Thread	Force	P	art Numbers	S
Minimum (	Quantity		1,000	20	10
Busbar	10-24	High	B01915P1	-	75BBS
Lock Nut	10-24	-	H1216P8	110G54	-

#### 55A Right Angle Standard Powerclaw PCB Contacts

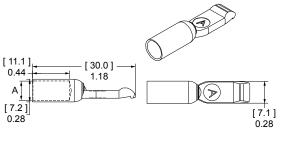
Standard Powerclaw contacts are for use inside a PP75 housing and provide a color-coded right angle connection to the PCB.

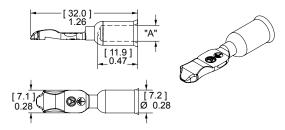
Description	Loose Piece F	Part Numbers
Minimum Quantity	500	100
Tin Plated	PC5930T-BK	PC5930T
Silver Plated	PC5930S-BK	PC5930S

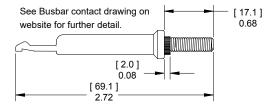


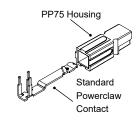


in two pole version only.









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#### 55A Right Angle Mini Powerclaw PCB Contacts

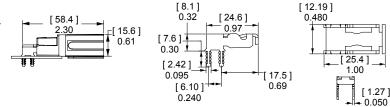
Right angle Mini Powerclaw contacts can be used on the PCB edge without a PP75 housing on the PCB side. A self polarizing design only allow PP75 wire housings to mate to PCB contacts one way.

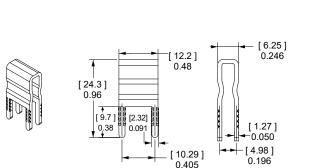
	Loose Piece	
Description	Part Nur	nbers
Minimum Quantity	1,000	100
Tin Plated	PC5934T-BK	PC5934T
Silver Plated	PC5934S-BK	PC5934S



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

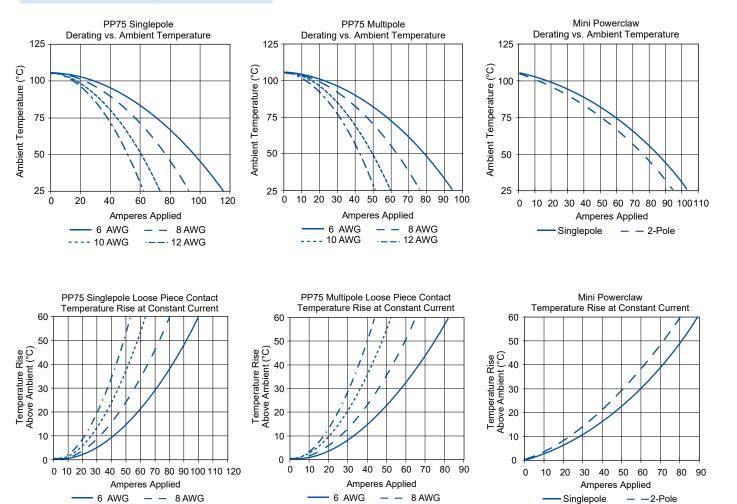




See PCB contact drawing on website for further detail.

# 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



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## **PP75 SPECIFICATIONS**

ELECTRICAL				MECHANICAL		
Current Rating Amperes <sup>1</sup>	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 <sup>2</sup>	°F	°C
UL 1977	600	)		Standard & Ground	-4° to 221°	-20° to
PCB Connector Recommended Vo	ltage <sup>3</sup>			Chemical Resistant*	-40 to 221°	-40° to
per IEC 60950-1 Table 2L Pollution	Degree <sup>2</sup>			*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 <sup>1</sup>			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 <sup>5</sup>	,	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 <sup>5</sup>	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 <sup>4</sup>	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<sup>®</sup> 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.

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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<sup>®</sup> 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.

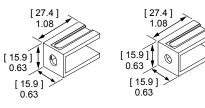
Description	Part Numbers				
Minimum Quantity	1,000	100			
Blue, Round Hole	1399G20-BK	1399G20			
Blue, Oval Hole	1399G7-BK	1399G7			

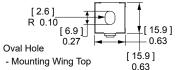
#### Mounting Wing for Locking Housings

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				



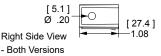






Round Hole - Mounting Wing Top

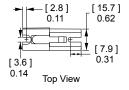


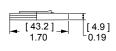


#### **Surface Mount for Locking Housings**

Use to secure Powerpole<sup>®</sup> 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				





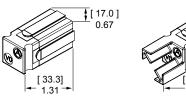
Side View

#### Spacer

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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

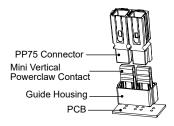
**[** 17.0 ]

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				

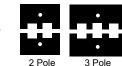


#### **Mounting Clamp**

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

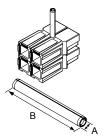




**Retaining Pins** 

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.

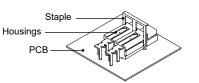
			Dimensions				
			- A -	- A -			
Description	Part Nu	mbers	inches	mm	inches	mm	
Minimum Quantity	1,000	100					
1 Block High	111812P7	110G19	0.196 / 0.207	4.98 / 5.26	0.560	14.220	
2 Block High	111812P6	110G18	0.196 / 0.207	4.98 / 5.26	1.000	25.400	



#### **PCB Mounting Staples**

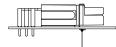
Reduce strain on solder joints during mating and unmating. Staples bend over the underside of the PCB board to lock the housings in place. Staples are an interference fit with housings.

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.

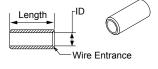


Fasten the staple by bending the leads on the bottom of the board.

#### **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 <sup>2</sup>	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







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## Powerpole®

# Tooling Information - APP<sup>®</sup> 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								
<ul> <li> <ul> <li></li></ul></li></ul>	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.

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Wire Size		/ire Size Reeled Pa		Reeled Cont	tact	Crimp Tools
AWG	mm²	Tin Plating	Silver Plating	APP <sup>®</sup> Applicator	+	APP <sup>®</sup> 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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