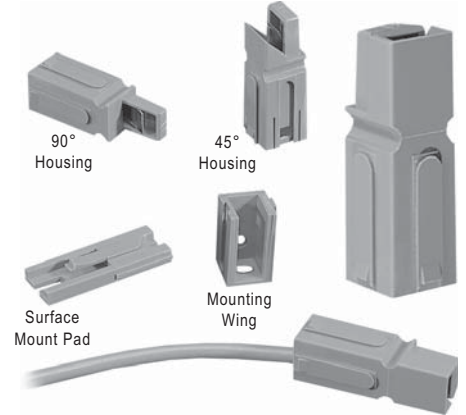


In addition to all the unique features of our standard PP75 Powerpoles®, we offer a "Locking" version. The locking clips insure that the connector dovetails are attached securely without roll pins, which are required to secure other Powerpole® assemblies. Like our standard Powerpole® housing, the locking PP75 also offers a 600 Volts continuous, AC or DC operation. Wire sizes range from #6 to #16 AWG (13.3 to 1.3 mm<sup>2</sup>). The locking PP75 utilizes the same contacts and crimp tooling as our standard PP75 housing.

## FEATURES

- Locking dovetail design**  
*Provides positive mechanical spring latch, creating lockable/unlockable modules*
- Horizontal/Vertical mounting wings or surface adaptor**  
*Eliminates retaining pins, allows horizontal, vertical or direct mounting capability*
- Molded-in dovetails**  
*Securely locks modules into multipole configurations*



## PRODUCT SPECIFICATIONS

Connector Model	PP75	Connector Model	PP75
UL Current Rating (Amperes)*	75****	Life	
UL Voltage Ratings (Volts)**	600*	a. No load (Contact/Disconnect Cycles)	To 10,000
Contact Barrel Wire Size (AWG)	#6 to #16	b. Under Load (Hot Plug 250 cycles @ 120V)	50A
(mm)	13.3 to 1.3	Avg. Connection/Disconnect (lbf)	5 - low detent 7 - high detent
Maximum Wire Insulation Diameter (inches)	0.437	Operating Temperature Range °C***	-20° to 105°
(mm)	11.10	°F	-4° to 221°
AVG Contact Resistance* (micro-ohms)	200	Flammability Rating of Housing Material	UL94 V-0
Insulation Withstanding Test Voltage (Volts AC/DC)	2200		
Contact Retention Force (lbf)	50		



\* UL Rated for 65°C largest wire or cable size  
 \*\* Both AC & DC Voltage  
 \*\*\* Contact factory for higher temperature rated connectors  
 \*\*\*\* For 75°C rated wire or cable size

## ORDERING INFORMATION

### Housing Only

Part Number	Description
75LOKBLU	Blue housing
75LOKGRA	Gray housing
75LOKBLK	Black housing
75LOKGRN	Green housing
75LOKYEL	Yellow housing
75LOKWHT	White housing
75LOK45BLU	45° locking housing
75LOK90BLU	90° locking housing

### 75 amp Contacts\*\*\*

Part Number	Description	Wire	
		AWG	sq. mm
1307	Individual - LD	#6	13.3
5900	Individual - HD	#6	13.3
5914	Individual - HD	#10	5.3

### contacts continued

Part Number	Description	Wire	
		AWG	sq. mm
5915	Individual - HD	#10/12	5.3/3.3
5952	Individual - HD	#8	8.4
5953	Individual - LD	#10/12	5.3/3.3
904G1	Set of (2) 5915 Contacts	#10/12	5.3/3.3
903G1	Set of (2) 5900 Contacts	#6	13.3
265G1	Reel, silver - HD	#6/8	13.3/8.4
265G2*	Reel, silver - HD	#10/12	5.3/3.3
265G3	Reel, silver - LD	#6/8	13.3/8.4
265G4*	Reel, silver - LD	#10/12	5.3/3.3
265G5	Reel, tin - HD	#6/8	13.3/8.4
265G6**	Reel, tin - HD	#10/12	5.3/3.3
265G7	Reel, tin - LD	#6/8	13.3/8.4
265G8**	Reel, tin - LD	#10/12	5.3/3.3
75BBS	75 amp bus bar contact	N/A	N/A

\* Using 10/12 AWG wire reduces rating to 50 amps  
 \*\* Using 10/12 AWG wire reduces rating to 40 amps  
 \*\*\* LD - low detent or HD - high detent  
 Note: For additional colors please contact customer service

### Accessories

Part Number	Description
1463G1	2 & 4 pole mounting clamp set
1463G2	3 & 6 pole mounting clamp set
75 LOKSMTBLU	Surface mounting pad
75LOKWNGBLU	Mounting wing (oval hole)
75LOKWNGBLU-R	Mounting wing (round hole)
110G57	Lock nut for use with bus bar contact

### Bushings

Part Number	Wire	
	AWG	sq. mm
Use with 5900 or 1307		
5910	#6 to #10/12	13.3 to 5.3/3.3
5912	#6 to #8	13.3 to 8.4
5913	#6 to #14/16	13.3 to 2.1/1.3

HEADQUARTERS: Anderson Power Products®, 13 Pratts Junction Road, Sterling, MA 01564-2305 USA T:978-422-3600 F:978-422-3700

EUROPE: Anderson Power Products® Ltd., Unit 3, Europa Court, Europa Boulevard, Westbrook, Warrington, Cheshire, WA5 7TN United Kingdom T: +44 (0) 1925 428390 F: +44 (0) 1925 428399

ASIA/PACIFIC: IDEAL Anderson Asia Pacific Ltd., Unit 922-928 Topsail Plaza, 11 On Sum Street, Shatin N.T., Hong Kong T: +(852) 2636 0836 F: +(852) 2635 9036

CHINA: IDEAL Anderson Technologies (Shenzhen) Ltd., Block A8 Tantou Western Industrial Park, Songgang Baoan District, Shenzhen, P.R. China 518105 T: +(86) 755 2768 2118 F: +(86) 755 2768 2218

TAIWAN: IDEAL Anderson Asia Pacific Ltd., Taiwan Branch, 4F.-2, No.116, Dadun 20th St., Situn District, Taichung City 407, Taiwan (R.O.C.) T: +(886) 4 2310 6451 F: +(886) 4 2310 6460

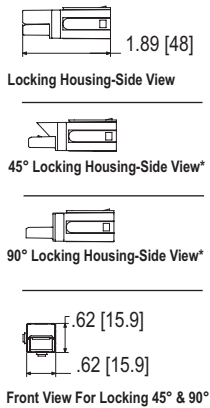
## ORDERING INFORMATION

### Tooling

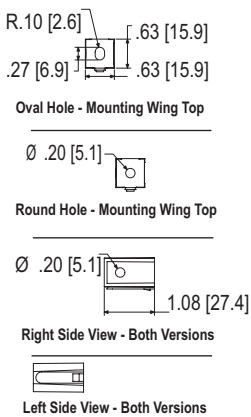
Part Number	Description
1309G4	Hand tool, #16 to #6
1387G1	Pneumatic tool, #16 to #6
1388G6	- die for #16 to #6 AWG
1388G7	- die for #10 to #12 AWG (5914, 5915 & 5953 contacts)
1389G6	- locator for #16 to #6 AWG
1389G7	- locator for #10 to #12 AWG (5914, 5915 & 5953 contacts)
260G16	Applicator only (110V & 220V)
284G1	Applicator & Press (220V, 50Hz)
250G5	Press only (110V, 60Hz)

## DIMENSIONS

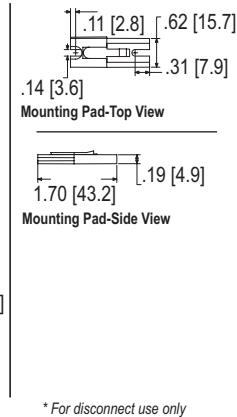
### Housings



### Mounting Wings

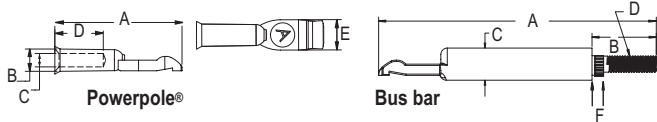


### Surface Mount Pad



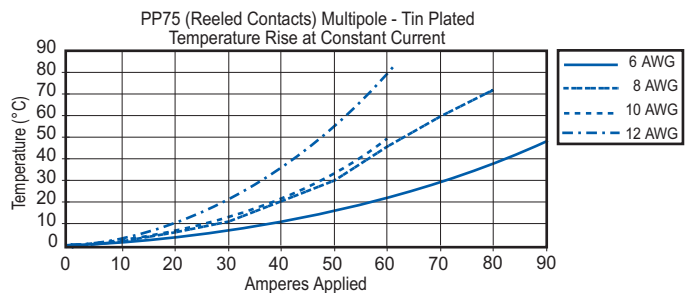
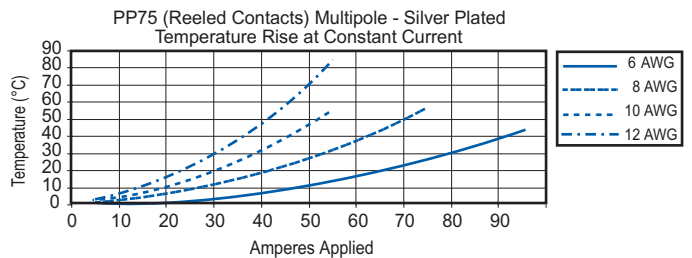
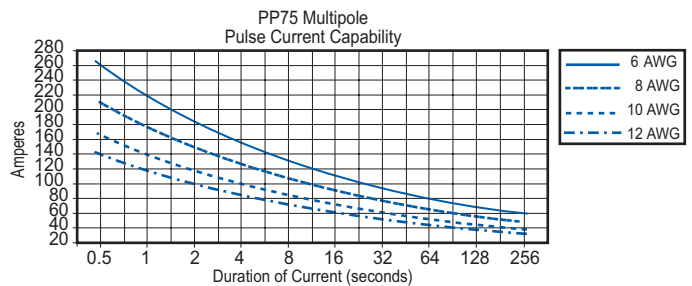
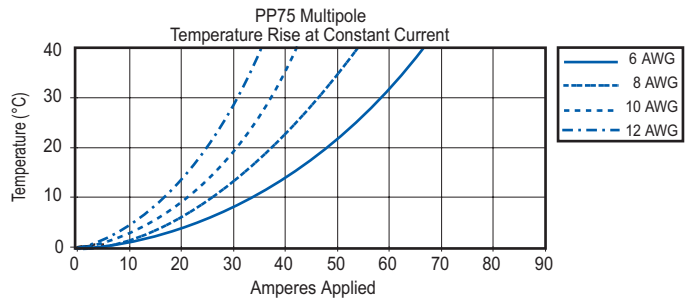
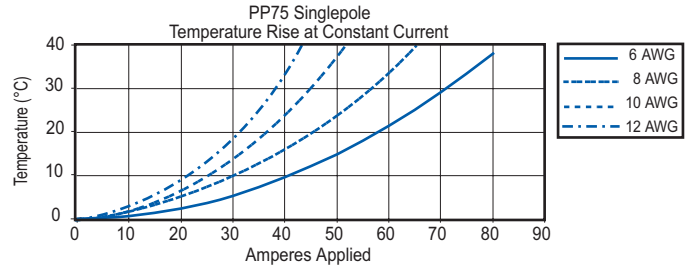
### Contacts

Part Number	-A-		-B-		-C-		-D-		-E-		-F-
	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm in.
1307	30.0	1.18	7.2	0.28	5.6	0.22	11.4	0.45	7.1	0.28	N/A
5900	30.0	1.18	7.2	0.28	5.6	0.22	11.4	0.45	7.1	0.28	N/A
5914	29.7	1.17	4.8	0.19	3.5	0.14	11.4	0.45	7.1	0.28	N/A
5915	30.0	1.18	7.2	0.28	3.5	0.14	11.4	0.45	7.1	0.28	N/A
5952	30.0	1.18	7.2	0.28	4.7	0.19	11.4	0.45	7.1	0.28	N/A
5953	30.0	1.18	7.2	0.28	3.5	0.14	11.4	0.45	7.1	0.28	N/A
904G1	30.0	1.18	7.2	0.28	3.5	0.14	11.4	0.45	7.1	0.28	N/A
903G1	30.0	1.18	7.2	0.28	5.6	0.22	11.4	0.45	7.1	0.28	N/A
265G1	31.8	1.25	9.1	0.36	9.1	0.36	22.9	0.90	8.1	0.32	N/A
265G2	31.8	1.25	7.4	0.29	6.9	0.27	22.9	0.90	8.1	0.32	N/A
265G3	31.0	1.22	9.1	0.36	9.1	0.36	22.9	0.90	8.1	0.32	N/A
265G4	31.0	1.22	7.4	0.29	6.9	0.27	22.9	0.90	8.1	0.32	N/A
265G5	31.8	1.25	9.1	0.36	9.1	0.36	22.9	0.90	8.1	0.32	N/A
265G6	31.8	1.25	7.4	0.29	6.9	0.27	22.9	0.90	8.1	0.32	N/A
265G7	31.0	1.22	9.1	0.36	9.1	0.36	22.9	0.90	8.1	0.32	N/A
265G8	31.0	1.22	7.4	0.29	6.9	0.27	22.9	0.90	8.1	0.32	N/A
75BBS	69.0	2.70	17.1	0.68	6.9	0.27	#10-24 thd.	1.0	0.04	2.0	0.08



\* See Bus Bar layout and mounting table on page 47

## TEMPERATURE RISE CHARTS



All Data Subject To Change Without Notice

DS-PP75L0K REV04