

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 mm²). The locking PP75 utilizes the same contacts and crimp tooling as our standard PP75 housing.

FEATURES

• Locking dovetail design

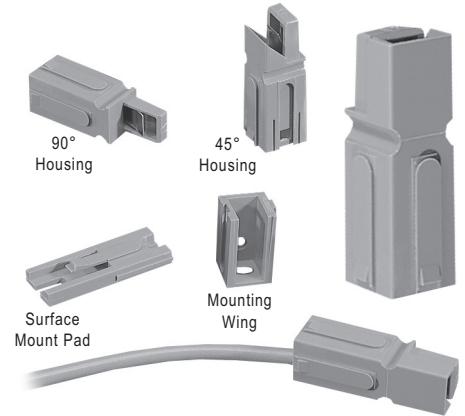
Provides positive mechanical spring latch, creating lockable/unlockable modules

• 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
Maximum Wire Insulation Diameter (inches)	0.437		7 - high detent
(mm)	11.10	Operating Temperature Range °C***	-20° to 105°
AVG Contact Resistance*	200	°F	-4° to 221°
(micro-ohms)		Flammability Rating of Housing Material	UL94 V-0
Insulation Withstanding	2200		
Test Voltage (Volts AC/DC)			
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: 13 Pratts Junction Road, Sterling, MA 01564-2305 USA T:978-422-3600 F:978-422-3700

EUROPE: Rathealy Road, Fermoy Co. Cork, Ireland T:353-(0)25-32277 F:353-(0)25-32296

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 W. Ind. Par, Songgang Baoan District, Shenzhen, PR. China 51810 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

www.andersonpower.com

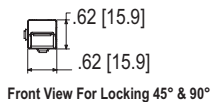
ORDERING INFORMATION

Tooling

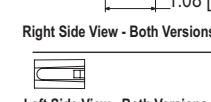
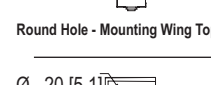
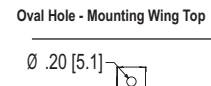
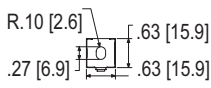
Part Number	Description
1309G4	Hand tool, #16 to #6
1387G1	Pneumatic tool, #16 to #6
1388G6	- die for #16 to #6 AWG
1388G7	- die for #10 to #12 AWG (5914, 5915 & 5953 contacts)
1389G6	- locator for #16 to #6 AWG
1389G7	- locator for #10 to #12 AWG (5914, 5915 & 5953 contacts)
260G16	Applicator only (110V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

DIMENSIONS

Housings

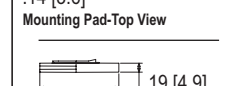
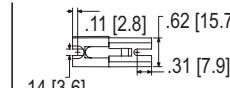


Mounting Wings



Left Side View - Both Versions

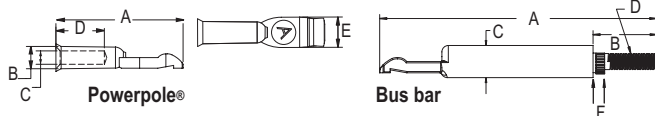
Surface Mount Pad



* For disconnect use only

Contacts

Part Number	-A- mm in.	-B- mm in.	-C- mm in.	-D- mm in.	-E- mm in.	-F- 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

