

Powerpole® connectors provide cost-effective reliability, design flexibility and safety for your products' manufacture, installation and maintenance.

The housings are modular and genderless. Powerpole® connectors provide 600 Volts continuous, AC or DC operation. Wire sizes range from #16 to #20 AWG (1.3 to .5 mm<sup>2</sup>). Contacts are available in reeled and loose piece designs to support all production needs from engineering prototype, low volume and high volumes products.

## FEATURES

### • Flat wiping contact system

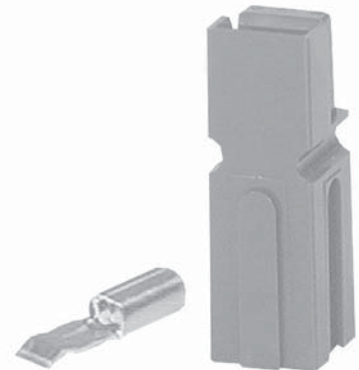
*Minimal contact resistance at high current, wiping action cleans contact surface during connection/disconnection*

### • Colored modular housings


*Provides visual identification of proper mating connector*

### • Molded-in dovetails

*Secures individual connectors into "keyed" assemblies which prevents misconnection with similar configurations*



## PRODUCT SPECIFICATIONS

Connector Model	PP15	Connector Model	PP15
UL Current Rating (Amperes)*	15*	Life	
UL Voltage Ratings (Volts)**	600*	a. No load (Contact/Disconnect Cycles)	To 10,000
Contact Barrel Wire Size (AWG)	#16 to #20	b. Under Load (Hot Plug 250 cycles @ 120V)	15A
(mm <sup>2</sup> )	1.3 to .5	Avg. Connection/Disconnect (lbf)	3 - low detent 5 - high detent
Maximum Wire Insulation Diameter (inches)	0.175	Operating Temperature Range °C***	-20° to 105°
(mm)	4.45	°F	-4° to 221°
AVG Contact Resistance* (micro-ohms)	875	Flammability Rating of Housing Material	UL94 V-0
Insulation Withstanding Test Voltage (Volts AC/DC)	2200	 <p>* UL Rated for 65°C largest wire or cable size ** Both AC &amp; DC Voltage *** Contact factory for higher temperature rated connectors</p>	
Contact Retention Force (lbf)	25		

## ORDERING INFORMATION

### Housing & 15 amp Contact

Part Number	Housing Color	Wire AWG	sq. mm
1395	Red	16/20	1.3/.52
1395G1	Black	16/20	1.3/.52
1395G2	White	16/20	1.3/.52
1395G3	Green	16/20	1.3/.52
1395G4	Blue	16/20	1.3/.52
1395G5	Yellow	16/20	1.3/.52
1395G6	Orange	16/20	1.3/.52
1395G7	Gray	16/20	1.3/.52
1395G8	Brown	16/20	1.3/.52
1395G9	Pink	16/20	1.3/.52
1395G10	Purple	16/20	1.3/.52

### 15 amp Contacts\*

Part Number	Description	Wire AWG	sq. mm
1332	Individual - LD	16/20	1.3/.52
262G1	Reel - LD	16/20	1.3/.52
269G2	Reel - HD	16/20	1.3/.52
269G2-LPBK	Individual - HD	16/20	1.3/.52
200G2L	Superflex, reel - LD	16/20	1.3/.52
201G2H	Superflex, reel - LD	16/20	1.3/.52

### Housings Only

Part Number	Description
1327	Red housing
1327G5	Green housing
1327G6	Black housing
1327G7	White housing
1327G8	Blue housing
1327G16	Yellow housing

### housings continued

Part Number	Description
1327G17	Orange housing
1327G18	Gray housing
1327G21	Brown housing
1327G22	Pink housing
1327G23	Purple housing

### Accessories

Part Number	Description
1441G1	Female splash boot
1442G1	Male splash boot
110G21	Blok lok, 2 pole
110G12	Blok lok, 4 pole
1399G9	Red mounting wing
1399G8	Blue mounting wing
110G68	PP15/45 retention clip

\* LD - low detent or HD - high detent

Note: For additional colors please contact customer service

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

[www.andersonpower.com](http://www.andersonpower.com)