

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 #12 to #16 AWG (3.3 to 1.3 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	PP30	Connector Model	PP30
UL Current Rating (Amperes)*	30*	Life	
UL Voltage Ratings (Volts)**	600*	a. No load (Contact/Disconnect Cycles)	To 10,000
Contact Barrel Wire Size (AWG)	#12 to #16	b. Under Load (Hot Plug 250 cycles @ 120V)	30A
(mm <sup>2</sup> )	3.3 to 1.3	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)	600	Flammability Rating of Housing Material	UL94 V-0
Insulation Withstanding Test Voltage (Volts AC/DC)	2200		
Contact Retention Force (lbf)	25		



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

## ORDERING INFORMATION

### Housing & 30 amp Contact

Part Number	Housing Color	Wire AWG	Wire sq. mm
1330	Red	12/16	3.3/1.3
1330G2	Green	12/16	3.3/1.3
1330G4	Black	12/16	3.3/1.3
1330G5	White	12/16	3.3/1.3
1330G11	Yellow	12/16	3.3/1.3
1330G12	Blue	12/16	3.3/1.3
1330G13	Orange	12/16	3.3/1.3
1330G14	Gray	12/16	3.3/1.3
1330G15	Brown	12/16	3.3/1.3
1330G16	Pink	12/16	3.3/1.3
1330G17	Purple	12/16	3.3/1.3

### 30 amp Contacts\*

Part Number	Description	Wire AWG	Wire sq. mm
1331	Individual - LD	12/16	3.3/1.3
261G1	Reel - LD	12/16	3.3/1.3
269G1-LPBK	Individual - LD	12/16	3.3/1.3
269G1	Reel - HD	12/16	3.3/1.3
200G2L	Superflex, reel - LD	16/20	1.3/.52
201G2H	Superflex, reel - HD	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

### housings continued

Part Number	Description
1327G16	Yellow housing
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

Note: For additional colors please contact customer service

\* LD - low detent or HD - high detent

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