

FEATURES

- **Make-first/Break-last connection**

Provides safety and system integrity

- **Green housing**

Indicates ground terminal

- **Molded-in dovetails**

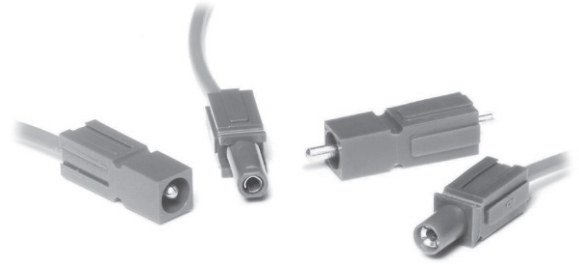
Can be assembled into "keyed" configurations to preclude misconnections

- **Silver plated contacts**

Offers greatest longevity when using high power, elevated temperature applications

- **UL94 V-0 housing material**

Provides security in knowledge the connector chosen meets strict UL flammability ratings



PRODUCT RANGE

UL Current Rating (Amperes)*	10* to 30****
UL Voltage Ratings (Volts)**	600*
Contact Barrel Wire Size (AWG)	#10 to 16
(mm ²)	5.3 to 1.3
Maximum Wire Insulation Diameter (inches)	.175 to 0.137
(mm)	4.45 to 3.48
AVG Contact Resistance* (micro-ohms)	600 to 2200
Insulation Withstanding	2200
Test Voltage (Volts AC/DC)	
Contact Retention Force (lbf)	25
Life	
a. No load (Contact/Disconnect Cycles)	To 10,000
Avg. Connection/Disconnect (lbf)	3 to 5
Operating Temperature Range °C***	-20° to 105°
°F	-4° to 221°
Flammability Rating of Housing Material	UL94 V-0



* UL Rated for 65°C largest wire or cable size

** Both AC & DC Voltage

*** Contact factory for higher temperature rated connectors

**** Based on 10 AWG

PRODUCT INFORMATION

Invented by Anderson Power Products®, the innovative modular Powerpole® connectors provide cost-effective reliability, design flexibility and safety for your products' manufacture, installation and maintenance.

Powerpole® pin & socket series connector, designed as ground terminal are for make-first/break-last connections. The dovetail feature allows you to interlock multiple housings into vertical and horizontal configurations, providing you with unique variations that are specific to each individual project requirement. The housings are interchangeable, genderless interconnects. Insert contacts into housings and plug together for a clever, simple and low-cost solution to power interconnection.

Powerpole® modular pin and socket connectors are available in 10 and 30 amp ratings for use through 600 Volts continuous, AC or DC operation. There are Powerpoles for many applications and wire sizes, #10 (5.3mm) to #16AWG (1.3mm). Contacts are available in reeled and loose piece designs to support all production needs from very high volumes to engineering prototype and low-volume customized products.

Markets: Electronics, Telecommunications, Office Panels, UPS Systems, Electric Vehicles, Industrial & Much More.



© CSA Certified
File No. LR25154



File No. E26226

All Data Subject To Change Without Notice

DS-PSFMLY REV04

HEADQUARTERS: 13 Pratts Junction Road, P.O. Box 579, Sterling, MA 01564 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