

FEATURES

- **Auxiliary contacts**

Provides additional poles up to 30 amps for auxiliary power, control or sensing

- **Meets UL 1950 finger probe test**

Each half offers finger proofing and can be connected to two energized sources up to 600 volts AC/DC

- **Handle**

Eases connector use and relieves unnecessary strain on cables when disconnecting

- **Mechanical keyed housings**

Prevents accidental mating of components operating at different voltage levels

- **Genderless design**

Makes assembly quick and easy and reduces number of parts stocked

- **Flat wiping contact system**

Allows for minimal contact resistance at high current, wiping action cleans contact surface during disconnection

- **UL approved for current interrupt**

Safe for "Hot Plug" of battery power

- **UL94 V-0 housing material**

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



PRODUCT RANGE

| | |
|--|--------------|
| UL Current Rating (Amperes)* | 60 |
| Contact Barrel Wire Size (AWG) | #6 |
| (mm ²) | 16 |
| Maximum Wire Insulation Diameter (inches) | 0.44 |
| (mm ²) | 11.12 |
| AVG Contact Resistance* (micro-ohms) | 200 |
| Insulation Withstanding Test Voltage (Volts AC/DC) | 2200 |
| Contact Retention Force (lbf) | 50 to 500 |
| Life | |
| a. No load (Contact/Disconnect Cycles) | To 10,000 |
| b. Under load (hot plug 250 cycles @ 120V) | 60A |
| 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*

PRODUCT INFORMATION

Anderson Power Products (APP), a leader in interconnect solutions, offers the highly durable SBO60 multipole connector. The new genderless SBO60 power connector contains recessed contacts and a ribbed nose housing, providing finger proofing in environments where human contact is a consideration.

The SBO60 connector's single piece housing provides industrial quality and durability for hot pluggable demands. The 4-pole SBO60 connector offers a V0 rating and is available in different colors, while being mechanically keyed to ensure connectors will only mate with connectors of the same color. The different color housings indicate different voltages.

The compact SBO60 has silver-plated copper contacts, offering a maximum connect/disconnect life of 10,000 cycles in AC/DC applications. SBO60 connectors are designed to have a self-wiping action which assures greater conductivity and longer life. Additionally, SBO60 connectors feature auxiliary contacts allowing two additional poles of up to 30 amps capability to be used for auxiliary power, control, or sensing.

APP's SBO60 is a fully insulated 60 amp connector designed for applications requiring high-current power connections to an AC or DC source up to 600 volts. The SBO60 has applications in: Office Settings, UPS Battery Backup Systems, Telecommunications, Medical, Electrical, Electronic and Electric Vehicles.



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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, P.R. 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