

Ramp Power Connectors For Mining, Tunneling and Industry

STANDARD FEATURES

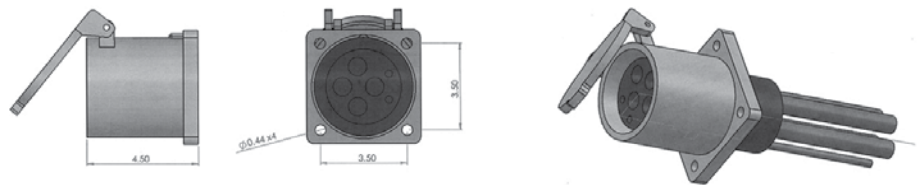
- Plugs are attachable
- Easily installed
- All metal parts are neoprene insulated
- Fits standard receptacles

PARAMETERS

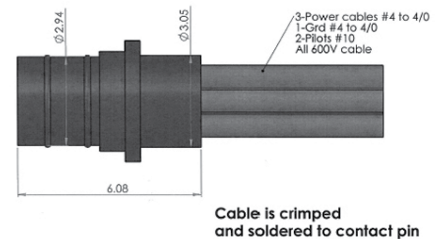
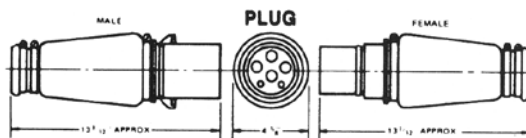
- Four power - two control contacts
- Number 4 AWG through Number 4/0 AWG
- Up to 1,000 volts/225 amps

APPLICATIONS

- Stand-by aircraft power
- Aircraft air conditioning systems
- Hydraulic test stands
- Motor generator sets
- Tunnel industry



Ramp Power Connectors



ORDERING REFERENCE

Male Plug
1806-71

Female Plug
1806-70

Female Receptacle
1806-91

Female Insert
1806-62

The 1806-71 Male Ramp Power plug will mate with common Aircraft Service contactors and flush-mounted receptacles as manufactured by the Crouse-Hinds Company, Pyle National and Killark Electric Mfg. Co. It is recommended that the completed cable, connector assembly be rated based on the capacity of the cable.

ASSEMBLY INSTRUCTIONS

1. Slip grommet and outer protective sleeve over cable.
2. Remove cable jacket 7". Skin power and ground lead 3", insert into proper contacts and tighten set screws. (Two allen-head screws per contact).
3. Skin pilot leads 1/2" and crimp to terminal connector.
4. Slide protective sleeve and grommet forward and thread into place. Tighten hose clamps.

ELECTRICAL DETAILS

- Conductor Sizes: #4 through #4/0 3/C PCG
- Number of Conductors: 4 power through 2 control
- Voltage Class: 1,000V
- Ampacity: up to 225A