

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

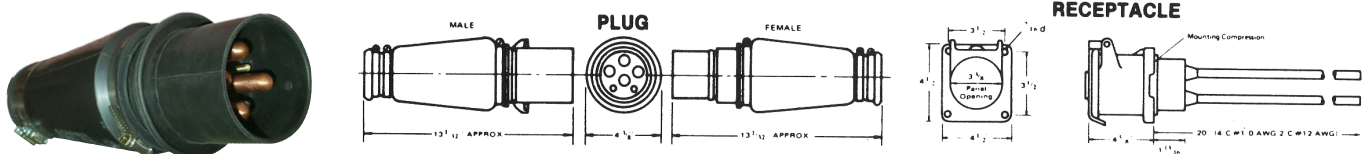
- Four power - two control contacts
- Number 4 AWG through Number 4/0 AWG
- Up to 1,000 volts/225 amps

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