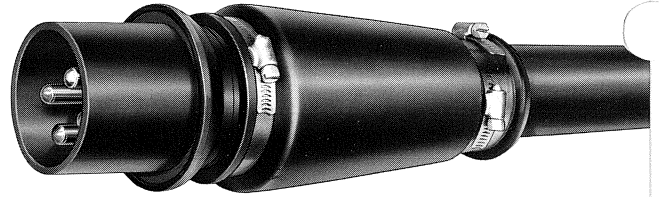


JOY Ramp-Power Connectors

Electrical Parameters

**4 Power 2 Control Contacts,
#4 AWG through #4/0 AWG 3/C PCG.
Up to 600 Volts; 180 Amps.**



The Joy Ramp Power Connector is a field attachable plug commonly used for 416/220 volt ramp power applications at U.S. Air Force bases. A rugged combination of neoprene and corrosion resistant metal parts form a tough, moisture resistant assembly which will stand up to the roughest treatment.

Both the male and female plug will accommodate from #4 AWG through #4/0 AWG cable. Connector rating up to 180 amps 600 volts.

Plugs may be used together in-line or with stationary receptacles. The female plug will mate with USAF Aircraft Service contactors and flush mounted receptacles. Plugs furnished with rainshield and cable grommets.

MEETS MIL-C—38159A

MS27285 FEMALE

MS27265 MALE

Economical

Attach to your own cable; use to repair damaged cable assemblies.

Fast installation

Takes only a few minutes: prepare cable; tighten conductors in place; secure protective sleeve in place.

Moisture tight

Tight fitting neoprene components and cable gland assure a moisture tight assembly. When engaged the resilient shroud of the male tightly encloses the female molding affecting a moisture tight seal.

Safe

All metal components are thoroughly isolated by a barrier of molded neoprene. Rigid wiring barriers protect individual conductors.

Versatile

Using tight fitting grommets, one plug will accommodate any cable from #4 AWG through #4/0 AWG and cable OD from 1 $\frac{3}{8}$ " to 2 $\frac{1}{8}$ ".

Aircraft service applications

Ground Support, Stand-by Air Conditioning, Hydraulic Test Stands.

ORDERING REFERENCE

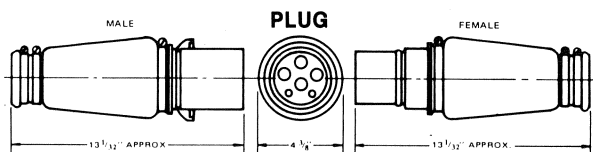
Male Plug	Female Plug	Female Receptacle	Female Insert
X1806-71	X1806-70	X1806-91	X1806-62

The Joy X1806-71 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.

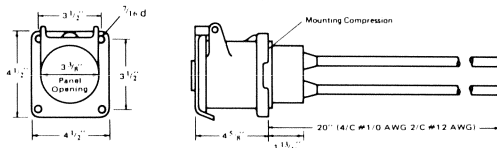
ASSEMBLY INSTRUCTIONS

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 allenhead 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.

DIMENSIONS



RECEPTACLE



NOTE: Refer to price list for identification of stock items.

YOUR LOCAL REPRESENTATIVE IS:



**CROUSE-HINDS
JOY
MOLDED
PRODUCTS**

JOY® MOLDED PRODUCTS

UNITED STATES:

Route No. 4, Box 156 • LaGrange, North Carolina 28551

Phone (919) 566-3014 • Telex 57-9332 • FSCM-90129 • FAX (919) 566-9337

CANADA:

Crouse-Hinds Canada Ltd.

1160 Birchmount Road • Scarborough, Ontario M1P-2B9

Phone (416) 757-8781