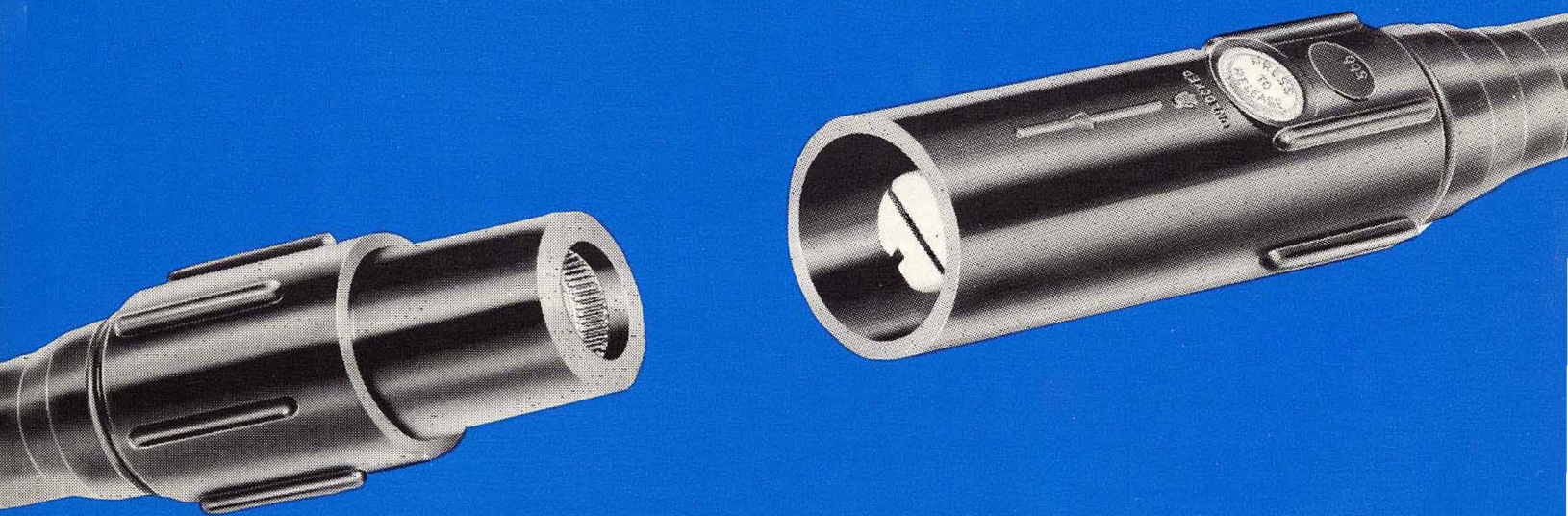


**ELECTRICAL CONTROL CONNECTORS
Power Distribution Devices**

Duraline

A Division of J.B. Nottingham Co., Inc.



Duraline

DIV. OF J.B. NOTTINGHAM & CO., INC. 75 HOFFMAN LANE, ISLANDIA, NEW YORK 11749 / 631 234-2002

SAFE·SURE QUICK

POWER CONNECTIONS WITH
Duraline
350 MCM TO 1000 MCM

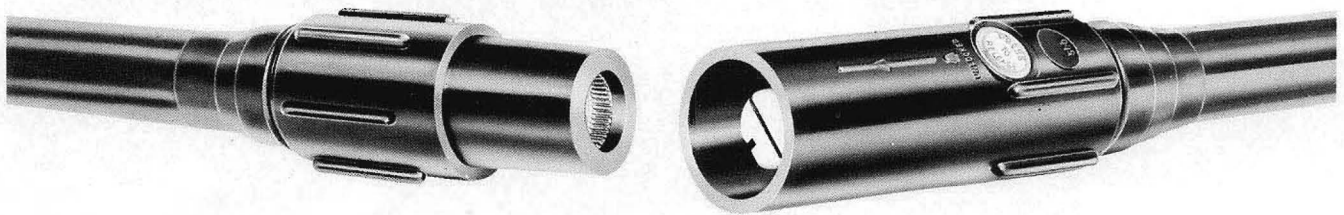
CONNECTORS • PLUGS • RECEPTACLES

POSITIVE LATCHING - "J" SERIES POWER CONNECTIONS

POSITIVE LATCHING - "D" SERIES POWER CONNECTIONS

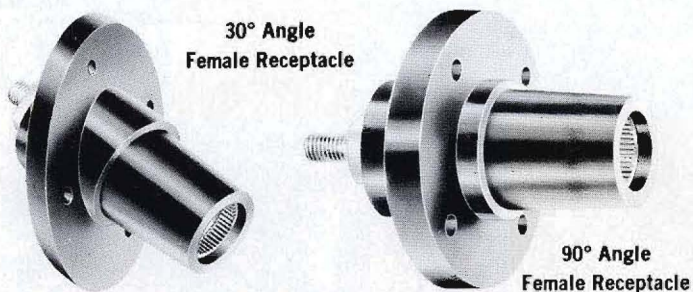
Absolutely Prevents Accidental Disconnects

Duraline Positive Latching Connectors achieve positive connections through a unique latching design. The contacts have an internal gear tooth and latch arrangement that prevents accidental disconnections. When the male and female contacts are joined and twisted, the latch on the male half engages the internal teeth on the female half and positively prevents reverse rotation. High locking pressures are developed, yet unlocking is quickly accomplished by depressing an insulated, external button. The whole latch mechanism is made from high-quality heat treated stainless steel. There are no external metal parts and no tools needed to connect or disconnect. Insulators are available in colors for circuit identification.



Male and Female Connection Assembly

Cable can be crimped or soldered to the contacts. (On special order, connector contacts can be furnished with large set screws for mechanical fastening to cables.) Insulating sleeves are vulcanized to the cable—can't pull away. (See last page for field assembly tools.) The whole assembly is watertight, shockproof. There are no exposed metal parts. Even where cables are swinging, twisting, or vibrating—connectors will not come apart.



Female Panel Receptacles

Female panel receptacles have the same internal teeth as female in-line contacts. They are available at 30° and 90° angles from the panel. The threaded stud for bus bar or single hole lug mounting is illustrated. Receptacles for two hole lug mounting are also available. Insulation is heavy-duty Neoprene.



Protective Cap

Thick-walled, heavy-duty Neoprene caps to protect panel receptacles when not in use. Watertight.

SAFE·SURE QUICK

POWER CONNECTIONS WITH **Duraline** 350 MCM TO 1000 MCM

**FOUR
DESIGN
OPTIONS**

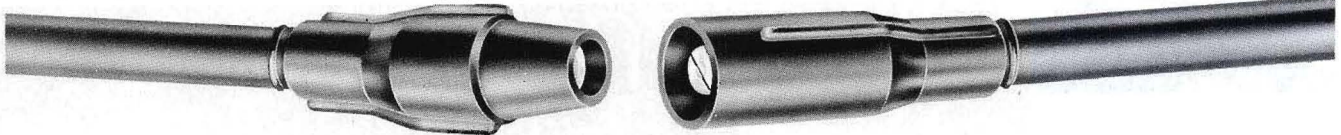
CONNECTORS • PLUGS • RECEPTACLES

Duraline connectors, plugs, and receptacles are designed for quick—safe—positive power connections. High conductivity with low resistance is assured through connections that lock tight—stay tight, yet are quickly and easily connected and disconnected—without tools.

POWER CONNECTORS—SHROUDED SERIES

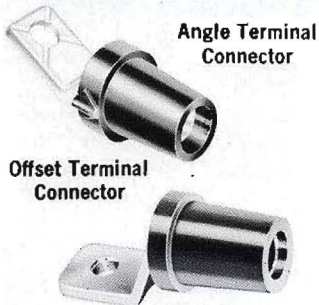
Totally shielded contacts. Neoprene insulating jacket extends past end of both male and female contacts for total insulation, complete safety—no possibility of arc burn if inadvertently disconnected under load. Heavy duty Neoprene construction eliminates cable cracking

or deterioration, makes watertight, shockproof, connections. Insulating sleeves are vulcanized to cables on the job, in the field. Cable jackets cannot pull away. (See last page for field assembly tools.) Insulators available in colors for circuit identification.



Male and Female Connection Assembly

A push and a twist quickly and easily connects the male and female contacts safely, securely. A reverse twist disconnects them just as quickly and easily with no possibility of arc burn. Cable can be crimped or soldered to contact. (On special order, connector contacts can be furnished with large set screws for mechanical fastening to cables.) Prevent cable strand breakage—withstands 2500 lbs. pulling force.



Angle Terminal Connector

Offset Terminal Connector

Female Terminal Connectors For Stud Mounting

Both angle and offset female terminal connectors mate with all male connectors listed above. They are insulated with heavy duty, thick-walled Neoprene for maximum protection.



30° Angle Male Receptacle

90° Offset Male Receptacle

Male Panel Receptacles

Series male panel receptacles are set at 30° and 90° angles from the panel. The threaded stud for bus bar or single hole lug mounting is illustrated. Two hole lug mounting is also available. Insulation is heavy-duty Neoprene.



30° Angle Female Receptacle

90° Offset Female Receptacle

Female Panel Receptacles

The female panel receptacles are available at 30° and 90° angles from the panel. The threaded stud for bus bar or single hole lug mounting is illustrated. Receptacles for two hole lug mounting are also available. Insulation is heavy-duty Neoprene.



Cap for Female Receptacles and Female Terminal Connectors

Protective Caps

Thick-walled heavy-duty Neoprene caps to protect exposed contacts of female terminal connectors and male and female receptacles when not in use. Watertight.

Cap for Male Receptacles



