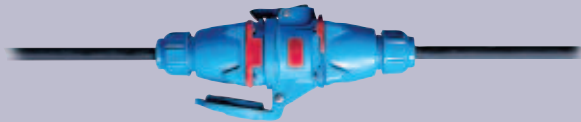
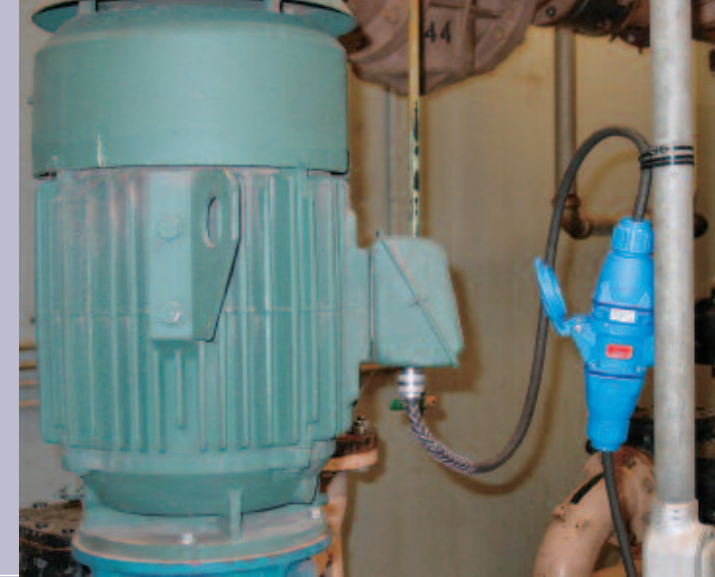


The World's Only Switch Rated Plugs, Receptacles, and Electrical Connectors

Deconnectors simplify design, installation and maintenance of difficult to reach equipment such as submersible mixers or pumps.



Ensure User Safety

Meltric Deconnectors are designed for safety. They eliminate the hazards associated with pin & sleeve devices. Key safety features include:

- **Dead front construction**
- **Enclosed arc chambers**
- **Silver-nickel butt-style pressure contacts**
- **Short circuit make & withstand ratings $\geq 10\text{kAIC}$**

These features ensure safety by preventing access to live parts, by providing a superior electrical connection that does not deteriorate with wear or oxidation, and by allowing users to safely make & break connections – even during overload or locked rotor conditions.



Deconnectors allow users to safely and routinely make and break under full load.

Simplify Code Compliance & Avoid Costs

Meltric Deconnector™ Series plugs and receptacles are UL, CSA and IEC switch rated. Using Deconnectors to connect electrical equipment automatically provides the NEC required 'line of sight' disconnect, which:

- **Makes code compliance easy.**
- **Eliminates the need for separate disconnect switches or mechanical interlocks.**
- **Reduces equipment and installation costs.**

When you purchase a Deconnector™ Series plug and receptacle, you effectively get the disconnect switch for free.



Deconnectors are excellent for connecting portable equipment...

Or for overhead connections at a production line.



Reduce Equipment Change-out Time

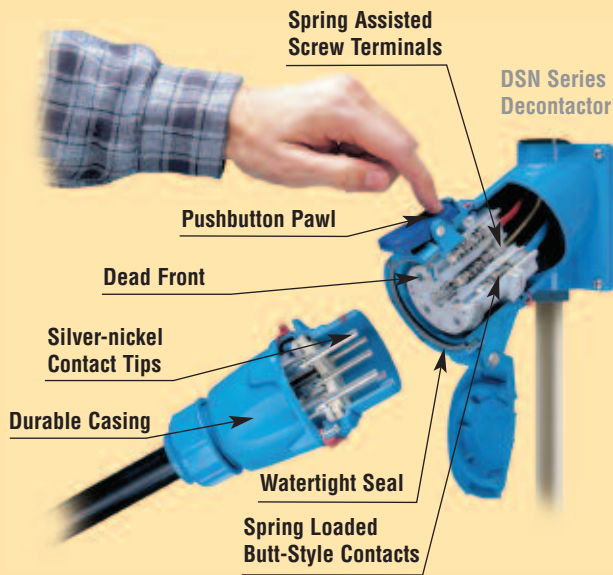
The unique features of Meltric Deconnectors allow motors and other equipment to be safely connected with plug and play simplicity. When disconnected, Deconnectors provide positive visual verification that power is off.

- **Mechanics can easily replace or service equipment without the need for an electrician on site.**
- **The need for electrical PPE, as required by NFPA 70E, is eliminated.**

Connecting equipment with Meltric Deconnectors allows you to reduce equipment change-out downtime, minimize worker exposure to harsh environments and eliminate costly re-wiring errors.



A Deconnector's dead front helps users avoid the need for Personal Protective Equipment and thus allows faster and safer motor change-outs.



Tested to a Higher Standard

Meltric Deconnectors are the world's only UL and CSA switch rated plugs and receptacles. Not only do Deconnectors meet performance test requirements for UL1682 (to which competitive pin and sleeve devices are listed), but Deconnectors also meet performance test requirements for products listed in UL 98 as a Branch Circuit Disconnect Switch and UL 508 as a Manual Motor Controller.

Additional Tests passed exclusively by Deconnector™ Series Plugs and Receptacles per UL Subject 2682 "Switch Rated Plugs and Receptacles"
(formerly UL miscellaneous file 98/508)

- + 50 operations @ 6xFLA and .4 - .5 PF
- + 6,000 operations @ FLA and .75 - .8 PF
- + Short circuit make & withstand @ ≥65kA, 600V & .4 - .5 PF

Additional Listings include:
IEC/EN 60309-1, CSA 22.2 No. 4, 14,
and 182.1, AS 3123



Dead Front

Assures safety by preventing user access to live parts.

Silver-nickel Contact Tips

Silver-nickel material offers exceptional electrical properties and resistance to corrosion and oxidation.

Watertight Seal

Rated watertightness up to NEMA 4X is achieved as soon as the plug mates with the receptacle (DS and DSN models).

Pushbutton Pawl

Provides quick, safe and easy load break.

Spring Assisted Screw Terminals

Patented design assures "Tighten and Forget" confidence.

Casing

Offers great resistance to impact and harsh environmental conditions.

Spring Loaded Butt-Style Contacts

Ensures optimal contact force and integrity over thousands of operations.



Courtesy of Gross Automation
1724 South Johnson Road New Berlin, WI
PH: 262-446-0000 FAX: 262-446-0300
www.meltricsales.com

DECMAILER 061003 B



Deconnector™ Series



**Switch Rated
Plugs,
Receptacles
and Electrical
Connectors**



**Safe to Make and Break
Under Full Load!**

