

Meltric's Decontactor™ Series Plugs & Receptacles

CSA SWITCH RATED



**The only plug & receptacle
that functions as a *SWITCH!***

- Unparalleled Safety & Durability
- Ultimate in Code Compliance
- Minimizes Equipment Downtime & Cost

- CSA Listed as a "Motor Circuit Switch"
- CSA Listed as a "Branch Circuit Switch"

Applicable standards are: C22.2 NO. 182.1
UL Subject 2682

Courtesy of Gross Automation
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www.meltricsales.com



Meltric CORPORATION

Meltric's Decontactor™ Series

Meltric's Decontactors function as a plug and receptacle and disconnect switch. Decontactors are the perfect choice for 'line of sight' disconnects required on motors and other inductive loads, due to their watertight, tamper-proof, dead front design and their unique ability to withstand high in-rush currents. Solid Silver-Nickel butt type contact design is similar to that used in motor starters and switchgear. Optional auxiliary contacts can be added for control applications. Only Meltric backs their product with a five year limited warranty on the contacts.

DSN 20-60A



- Compact, lightweight design
- NEMA 4X, IP 66/67
- Up to 4 auxiliary contacts
- Polyester casings
- 100kA short circuit rated

DS 20-200A



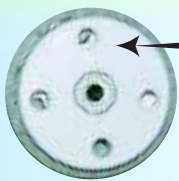
- Rugged construction
- NEMA 3R
- Up to 5 auxiliary contacts
- Polyester or Metal casings
- ≥65kA short circuit rated

DB 30-100A



- High horsepower capacity
- IP 67
- Up to 4 auxiliary contacts
- Zinc aluminum alloy casings
- 100kA short circuit rated

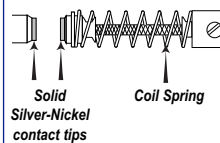
PROTECTS WORKERS FROM ELECTRICAL INJURY



DEAD FRONT CONSTRUCTION ELIMINATES THE POSSIBILITY OF ACCESS TO LIVE PARTS

- The shutter can only be opened by inserting the matching plug with compatible voltages, polarity and amperage.

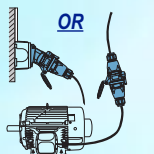
WITHSTANDS TOUGH OPERATING CONDITIONS



SPRING LOADED BUTT TYPE CONTACT DESIGN EXCELS IN HARSH ENVIRONMENTS OVER THOUSANDS OF OPERATIONS.

- Silver-Nickel performance does not degrade significantly due to oxidation or wear (unlike competitors brass contacts).

REDUCES DOWNTIME



Meltric products help you get your process back on-line quickly! Unique safety features minimize the need for cumbersome safety related work practices required by NFPA 70E. For example, pre-wiring replacement motors with Meltric plugs allows quick change-outs without having to wait for an electrician and without having to wear personal protective equipment.



- Cord connection allows easy 'line of sight' location
- Ability to safely make & break under load eliminates the need for interlocks
- ≥65kA short circuit make and withstand rating ensures safety during reenergization

COMPLIES WITH STANDARDS

PLUG & RECEPTACLE LISTINGS

- CSA 182.1
- UL 1682, UL Subject 2682
- IEC/EN 60309-1
- AS 3123

HORSEPOWER RATED

Can be safely disconnected under full load

SWITCH RATED

- | | |
|--------------------|--|
| Motor use | <ul style="list-style-type: none"> • 50 times @ 6xFLA & .4-.5 power factor • 6000 times @ FLA & .75-.8 power factor, plus 4000 mechanical operations • Short circuit make & withstand @ ≥65kA, 600V, .4-.5 power factor |
| General use | <ul style="list-style-type: none"> • 50 times @ 1.5x rated ampacity & .75-.8 power factor • 6000 times @ rated ampacity & .75-.8 power factor, plus 4000 mechanical operations • Short circuit make & withstand @ ≥65kA, 600V, .4-.5 power factor |
- UL Subject 2682 listed as "Motor Circuit Disconnect Switch" and as "Branch Circuit Disconnect Switch"
 - IEC/EN 60947-3 Listed as an Air-break Switch
 - AS 3133 Air-break Switch standard

* Switch Ratings apply to AC voltages only

CSA 100702 E



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