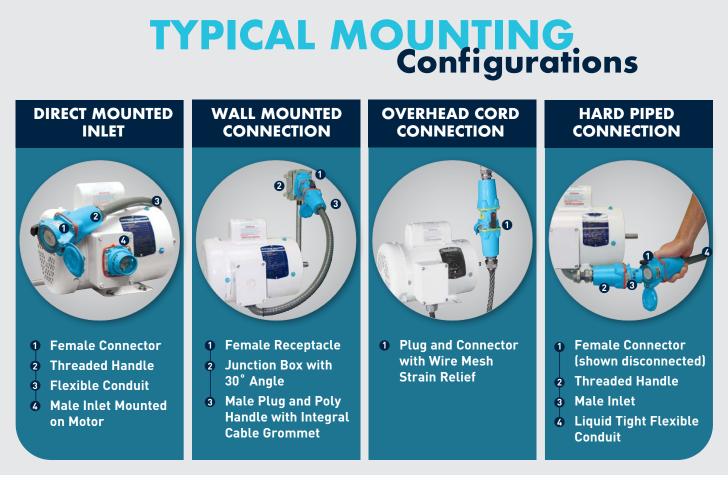


MELTRIC Switch-Rated plugs and receptacles provide reliable, long-lasting plug and play motor connections. Our Switch-Rated technology combines the safety of a switch with the convenience of a plug and receptacle in one device. A qualified technician can safely and easily change out a MELTRIC pre-wired motor, without waiting for an electrician, suiting up in PPE, or performing voltage testing. MELTRIC motor changeouts can reduce downtime by up to 50% saving both time and money. Our Switch-Rated devices are UL/CSA listed for branch and motor circuit disconnect switching, they meet NEC requirements as a line-of-sight disconnect switch, and built-in Lockout/Tagout provision simplifies OSHA and NFPA 70E lockout/tagout requirements.

A variety of mounting configurations are available for convenient installation wherever you need an electrical connection. Common examples are shown below.





PRODUCT FEATURES AND SPECS



DECONTACTOR[™] Technology

Spring-Assisted Screw Terminals

Patented design assures "Tighten and Forget" confidence.

Spring-Loaded Butt-Style Contacts

Ensures optimal contact force and superior electrical performance over thousands of operations.

Lid

Provides Type 4X/IP69/IP69K watertightness for additional protection in harsh environments.

OFF Button

Dead-Front Safety Shutter

Assures safety by preventing user access to live parts.

Press to deenergize. Provides push-button circuit disconnection.

- Allow easy NEC, NFPA 70E, and CSA Z462 code compliance
- Functions as a line-of-sight disconnect switch
- Safely makes and breaks resistive or inductive loads

Casing

Fiberglass reinforced thermoplastic polyester material offers great resistance to impact, corrosion, and harsh environmental conditions.

Lockout-Tagout Provisions

Allows plug to be easily locked out and tagged. Optional Padlock Pawl allows lockout/tagout of the receptacle.

Silver-Nickel Contact Material

Solid silver-nickel contact surfaces provide superior conductivity, durability, and corrosion resistance.



DSN 20-150 A (Up to 75 hp)

UL/CSA listed

Compact, lightweight design

Type 4X/IP69/IP69K

- Up to 6 auxiliary contacts
- Fiberglass reinforced Polyester casings (DSN150 poly or metal)
- 100 kA/10 kA short-circuit rated⁺

+Visit meltric.com for full ratings information.



DS 20-200 A (Up to 100 hp)*

- UL/CSA listed
- Rugged construction
- Type 3R or 4X
- Up to 6 auxiliary contacts
- Fiberglass reinforced Polyester or Metal casings
- 100 kA/65k A short-circuit ratings⁺

PERFORMANCE TESTS PASSED Per UL Subject 2682 Switch-Rated Plugs and Receptacles

Electrical Endurance	Overload - Locked Rotor	Overload	Short-Circuit Make	Voltage	Temperature
(with Load)	(Horsepower Rated Devices)	(General Use Devices)	and Withstand	Withstand	Rise
6000 Operations @ Rated Current and Voltage (p.f. = .7580)	50 Operations @ 600% of Full Load Motor Current (p.f. = .4050)	250 Operations @ 150% of Rated Current (p.f. = .7580)	≥10kA*, 600 V and < .15 PF *Device ratings range from 10 kA to 100 kA.	3000 VAC for 1 minute	< 30°C

* All MELTRIC Switch-Rated devices are UL listed with short circuit ratings of at least 65 kA achieved at 600 VAC and < .15 power factor.



meltric.com 4765 W. Oakwood Park Drive • Franklin, WI 53132 414-433-2700 • Fax 414-433-2701 ©2022 MELTRIC Corporation. All rights reserved. MTRCONNECTION M