



Meeting Electrification Goals with MELTRIC®

As the industrial world shifts from being powered by fossil fuels to cleaner energy, MELTRIC partners with industrial companies to make the transition as smooth, efficient, and safe as possible. Electrification looks different across each industry, but the common factor is that it is occurring in all of them.

Operational Efficiency

MELTRIC Switch-Rated plugs and receptacles help prioritize operational efficiency. Switch-Rated devices meet NEC line-of-sight disconnect requirements and NFPA 70E compliance. Operators won't require additional certification training or suiting up in PPE to connect and disconnect newly installed electrical equipment.

Reduce Costs

Transitioning to electric-powered equipment requires some initial upfront costs but not having to pay unpredictable fuel and maintenance costs will make up for those initial expenses over time. Switch-Rated devices boost cost savings even further by reducing installation costs and eliminating the need for separate disconnect and interlock switches. Maintenance and downtime costs can be reduced by pre-wiring equipment for quick plug-and-play simplicity.

Reduce Waste

Many fleets require some aspect of idling which wastes the fossil fuel resources you continually invest in. Switching to a durable plug and receptacle like MELTRIC Switch-Rated devices or RETTBOX® S Self-Ejection plugs provides power to your idling fleets, reduces reliance on ICE engines, and charges your onboard equipment at the same time.

Sustainability

MELTRIC uses silver-nickel, spring-loaded, butt-style contact technology which provides low energy resistance limiting contact overheating and reducing the thermal cycle for the product. Because less heat is transferred your power consumption is reduced which also lowers your utility bill. MELTRIC devices are also designed with robust, sustainable, corrosion-free metal housings, parts, and accessories resulting in a long product lifecycle.

Motor Solutions

The use of motors extends over many industries and is one of the first places companies look to start their energy transition. Switch-Rated devices were made for motor plug-and-play. They can eliminate lengthy downtime making changeouts fast and easy when you have a backup pre-wired motor. There's no need to suit up in PPE or wait for a qualified electrician to complete the changeout.



Application Spotlights



Transportation

As electrification in the transportation industry continues to evolve, MELTRIC is the perfect partner for safely providing power to meet electrification goals.

MELTRIC is commonly found on applications that use electric standby to replace idling engines and is ideal for shore power as well as fleet vehicles. MELTRIC protects your equipment by offering self-ejection options for the plugs and receptacles, which eliminates damage from accidental departure with your vehicle still plugged in. MELTRIC can also be used to charge the EV battery in light trucks and industrial equipment.



Oil & Gas

MELTRIC plugs and receptacles are built to withstand the harsh environments commonly found in the Oil & Gas industry. They are impervious to dust, debris, and moisture with environmental ratings up to Type 4X.

Built tough to withstand some of the harshest environments, MELTRIC plugs and receptacles provide unmatched ruggedness and durability that keeps your operation running. MELTRIC plugs and receptacles help you achieve your electrification goals by allowing you to operate efficiently with less maintenance. MELTRIC devices can be found on electronic fracking, machine drilling, and power distribution systems throughout the industry.



Power Distribution

MELTRIC Switch-Rated plugs and receptacles can help increase efficiency, lower maintenance costs, and deliver power when and where you need it most.

Safely and quickly connect and disconnect electrical equipment using MELTRIC plugs and receptacles. No hardwiring. No hassle. Relocate power supply systems and generators where you need them. MELTRIC devices were made to move when and where you do.



Automatic connection and self-ejection of the RETTBOX® S to work vehicles makes it the smart, simple, and safe solution for all users.



MELTRIC DS200 is a Switch-Rated 200 A device being used to recharge the EV battery on this industrial truck.



A MELTRIC DS200 is shown providing power to pumps found on an electronic fracking system, producing significantly lower emissions compared to the diesel driven pumps.



Incorporating Switch-Rated connectors into power distribution ensures that users can safely make and break connections.

meltric.com

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