SELF-EJECTING PLUGS & RECEPTACLES

Ensuring Safety Around Vehicles and Portable Equipment

Reliable Disconnection
Most Meltric plugs and receptacles are offered with optional self-ejecting features that can be relied on to safely disconnect and eject the plug or receptacle when the vehicle or portable equipment is moved.

Ensure Electrical Safety
Meltric’s quick disconnect technology safely deenergizes the plug or receptacle and ejects it from the mating device.

Exclusive Features and Options
Meltric uses an exclusive butt-style contact system that is ideal for self-ejecting applications. Optional auxiliary contacts to monitor or control equipment are also available.

IDEAL FOR MOBILE EQUIPMENT: Meltric self-ejecting devices are designed to automatically release the plug or receptacle when tension is detected. They protect equipment from damage and workers from a hazardous condition caused when vehicles are accidentally moved without disconnecting power.

Ideal for providing power to...

TRUCK HOOK-UPS
REFRIGERATED TRAILERS
MOBILE EQUIPMENT

meltric.com
APPLICATION NOTE FOR MELTRIC SELF-EJECTING PLUGS AND RECEPTACLES

Enhanced Safety for PERSONNEL AND EQUIPMENT in Mobile Applications

**WITHOUT Self-Ejecting Protection**

The potential for personnel hazards and equipment damage are created when a truck or other mobile vehicle moves prior to manually disconnecting electrical power.

**WITH Self-Ejecting Protection**

Personnel hazards and equipment damage are eliminated when the truck or other mobile equipment is fitted with a self-ejecting device, which will disconnect power prior to damage occurring.

**TWO CONFIGURATION OPTIONS**

- **Self-Ejecting Female Connector:** The standard pawl on the connector is replaced by a shark’s fin pawl that is attached to a tension cord. When tension is applied to the cord, the shark’s fin pawl is actuated and the connector is then released safely.

- **Self-Ejecting Plug:** A shark’s fin mechanism is installed on the Decontactor. When tension is applied, the mechanism lifts the standard pawl in a levering motion and the plug is released in complete safety.

Available on: DSN20, DSN30, DSN60, DS20, DS30, DS60, DS7, DN7c, DS37c, DSN24c, DSN37c