

Case Study

Spray Dynamics Group - Heat and Control, Inc.

Powerhouse OEM Trusts MELTRIC for Quality Electrical Connections

If you're a snack food aficionado, there's a good chance the delicious cheesy, salty, spicy, or sweet seasoning left on your fingers after digging into a snack bag are resultant of a research and development session at Spray Dynamics.

The company, which set down roots in the town of Costa Mesa, California in 1952, got their start designing and building liquid applicators to spray release agents into baking molds and pans. Today, they design and build new equipment lines for full-system coating, liquid and dry applications, tumbling machines, mixers, dryers/roasters, and more.

The Spray Dynamics Group of Heat and Control, Inc. prides themselves on their extensive industry experience, flexible custom solutions, innovative designs, high-quality equipment manufacturing, and most importantly, their excellent customer relationships.

This strong customer commitment is one of the primary reasons they chose MELTRIC to supply plugs and receptacles for their original equipment manufacturing (OEM) products. Service/Controls & Integration Manager, Brian Haynes says, "We sell high-quality products and believe we should supply our customers with high-quality and safe means to connect and disconnect our equipment." He continues, "Adding MELTRIC plugs and receptacles to our OEM products provides the end user with safer, faster equipment disconnects, while dramatically reducing the UL disconnect footprint on our equipment."

MELTRIC Devices are Cost-Effective and Safe

In addition to partnering on Heat and Control, Inc. manufacturing equipment, MELTRIC plugs and receptacles are installed in every area of their plant. Haynes remarks, "We have used pin and sleeves and twist-locks in the past. We value MELTRIC devices as cost-reducers; they eliminate the need to constantly replace damaged and faulty equipment."

MELTRIC plugs and receptacles power everything from welders and motors, to cord drops, test lab equipment, and other machinery across the facility.

MELTRIC Switch-Rated devices provide complete deenergization with the push of a button; there's no need to add expensive disconnects. A built-in arc chamber and dead-front safety shutter ensure workers and customers will not be exposed to arc flash hazards or live electrical parts. Corrosion-resistant spring-loaded, silver-nickel, butt-style contacts provide superior electrical performance. Type 4X/IP69K environmental ratings and ingress protection ensure watertight connections; ideal for washdown environments.



MELTRIC Switch-Rated plugs and receptacles combine the safety and functionality of a disconnect switch with the convenience of a plug and receptacle in one device.



MELTRIC Switch-Rated devices are available with up to Type 4X/IP69K watertightness. They are ideal for wet, washdown environments.

MELTRIC Switch-Rated plugs and receptacles are UL/CSA rated for motor and branch circuit disconnect switching. They are NEC 'line of sight' compliant and are ideal for fast, easy, plug and play equipment changeouts. MELTRIC devices include a built-in provision for easy lockout/tagout.

Haynes continues, "We value the ability of MELTRIC devices to give us plug and play functionality without any worry of arc flash or shock hazards to our employees within our facility. The quality, reliability, and product capability of MELTRIC plugs and receptacles is second to none in the connector industry."

Franklin, Wis.-based MELTRIC manufactures a comprehensive line of industrial plugs and receptacles, including UL/CSA Switch-Rated plugs and receptacles. Visit meltric.com to learn about our industry-leading products and our continued emphasis on safety and reliability.



MELTRIC delivers strong, reliable, cord drop connections.