



SurLok Plus™ 8.0mm & 10.3mm 1500VDC

BACKGROUND

Clean Energy development is a fundamental requirement for addressing climate change and mankind's sustainable development. Accelerated deployment of clean energy needs all industries involved for new technologies and innovations. Amphenol, as leading worldwide connector manufacturer, has developed various products to provide clients with connector solutions for this market.

PROBLEM

The need to focus on connector based solutions for industrial and commercial energy storage, driverless logistic vehicles, with regard for high safety and reliability. Standards such as UL4128 and TUV 2PFG2740 1500VDC must be followed, while providing a smaller footprint with big power. These application types are in high demand within the connector industry.

AIO SOLUTION

The SurLok Plus 8.0mm & 10.3mm 1500VDC are ideal connector products for power applications, covering the demand of industrial and commercial energy storage, electric vehicles, and driverless logistic vehicles. Safe connections and transfers are provided at high-voltages, up to 1500VDC. The product highlights are:

- Single pole connector
- High voltage applications up to 1500VDC
- 8.0mm rated to 200A
- 10.3mm rated to 350A
- Application for limited footprints space
- Features RADSOK® Technology
- Quick lock and release design
- Meets UL94 V-0 (self-extinguishing)
- IP67 rated
- RoHS compliant
- UL 4128 compliant
- TUV 2PFG2740 1500VDC compliant