



NEWS RELEASE

Updated HTS Card Lok Offers Improved Performance and Customer Experience

10/31/2019

LONDON--(BUSINESS WIRE)-- nVent Electric plc (NYSE:NVT) ("nVent"), a global leader in electrical connection and protection solutions, announced today it has added the nVent SCHROFF High Thermal Sawtooth card lok (HTS) to the company's product offering. Designed to provide more efficient heat dispersion in severe environments where convection cooling cannot be used, the HTS makes cooling electronics more efficient and more cost-effective than similarly sized card loks.

"We updated the HTS with our military and aerospace customers in mind," says Katie Hausman, nVent Regional Product Marketing Manager. "Their mechanical design teams' primary concern is thermal mitigation and the HTS can help play a part in solving this challenge. HTS can perform under the ever-increasing cooling challenges that come from powerful electronic demands in compact spaces and severe environments."

The HTS increases thermal performance by up to 15 percent compared to other similarly sized card loks. It reliably retains and cools mission-critical electronics and improves clamping force. Also, users can easily modify their HTS based on board layout and cooling needs while still utilizing the product as a drop-in replacement for current card lok designs.

In addition to improved performance, users now have more customization options. Customers can use full design services and consult nVent engineers to ensure the solution will meet their requirements. Also, they can visit the nVent website to download pre-configured CAD templates which meet relevant standards.

HTS also offers additional customer experience improvements including improved sourcing convenience and reduced cost. nVent has streamlined the ordering process; lead times have been shortened to 6-8 weeks. Customers can order HTS as part of a conduction cooled assembly kit under a single part number. This same



number includes the housing for the printed circuit board, card loks, extractors and other parts of the assembly such as the thermal gap pads.

For more information on nVent SCHROFF High Thermal Sawtooth Card Loks, visit

<https://schroff.nvent.com/en/schroff-na/265HTS>

About nVent

nVent is a leading global provider of electrical connection and protection solutions. We believe our inventive electrical solutions enable safer systems and ensure a more secure world. We design, manufacture, market, install and service high-performance products and solutions that connect and protect some of the world's most sensitive equipment, buildings and critical processes. We offer a comprehensive range of enclosures, electrical connections and fastening and thermal management solutions across industry-leading brands that are recognized globally for quality, reliability and innovation. Our principal office is in London, United Kingdom, and our management office in the United States is in Minneapolis, Minnesota. Our robust portfolio of leading electrical product brands dates back more than 100 years and includes nVent CADDY, ERICO, HOFFMAN, RAYCHEM, SCHROFF and TRACER. nVent, CADDY, ERICO, HOFFMAN, RAYCHEM, SCHROFF and TRACER are trademarks owned or licensed by nVent Services GmbH or its affiliates.

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Source: nVent Electric plc