



Press Release

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Pentair Expands Range of Schroff brand of Calmark™ High Clamp Force, Small Profile Card Loks

STRAUBENHARDT, GERMANY - Pentair announces its newly designed Schroff brand of Calmark™ Series 263HC, 265HC, and 276HC High Clamp Force Card Lok retainers. The patent-pending High Clamp “HC” force design provides an average of three times the clamping force of similarly sized Card Loks.

SWaP, or reducing size and weight while effectively handling increasing power, continues to be a challenge for defense and aerospace designers and manufacturers. And, as systems continue to be integrated into rugged environments and face ever growing shock and vibration requirements, it is critical to have sufficient printed circuit board retention.

For board retention, engineers have faced a tradeoff between clamping force and the size of the Card Lok; historically greater clamp force has only been available with larger profile Card Loks. Larger Card Loks have traditionally required more space in the enclosure, were heavier and consumed valuable board space.

Pentair has expanded the High Clamp Force retainer family to address these challenges. Its small and light-weight design Card Loks provide industry-leading board retention that is ideal for defense, space and aerospace applications.

Conveniently, the 260HC, 263HC, 265HC, and 265HC have been designed to be a drop-in replacement for most applications currently using standard 260, 263, 265, or 267 Card Loks. They have the same profile, height, mounting location and options, and optional features such as a visual indicator and lock patch.

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Further information is available at <https://schroff.pentair.com/en/schroff/Product-Printed-Circuit-Board-Hardware>



Image caption: Calmark™ Series High Clamp force Card Lok retainers

About Pentair Electrical

Pentair Electrical is a leading global supplier of systems and solutions that safeguard industrial controls, electrical components, communications hardware, electronic devices, and electrical cooling systems. Its premier brands CADDY, ERICO, Hoffman, LENTON, Raychem, Schroff, and Tracer provide a comprehensive range of standard, modified, and custom-engineered solutions for the energy, industrial, infrastructure, commercial, communications, medical, security, and defense markets.

The Schroff brand offers an extensive portfolio of accessories for protecting printed circuit boards, such as card retainers, conduction-cooled board supports, front panels and handles, subracks, cases, backplanes, power supplies, cabinets and pre-assembled chassis for embedded computing systems as well as hardware management systems. For further information, please visit www.pentairprotect.com

About Pentair

Pentair plc (NYSE: PNR) is a global company dedicated to building a safer, more sustainable world. Pentair delivers industry leading products, services and solutions that help people make the best use of the resources they rely on most. Its technology moves the world forward by ensuring that water is plentiful, useful and pure, and that critical equipment and those near it are protected. With 2016 revenues of \$4.9 billion, Pentair employs approximately 19,000 people worldwide. To learn more, visit pentair.com.

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