

Ensuring Efficiency, Reliability and Safety with Robust On-Board Solutions for Railway

CONVENIENT AND CERTIFIED SOLUTIONS

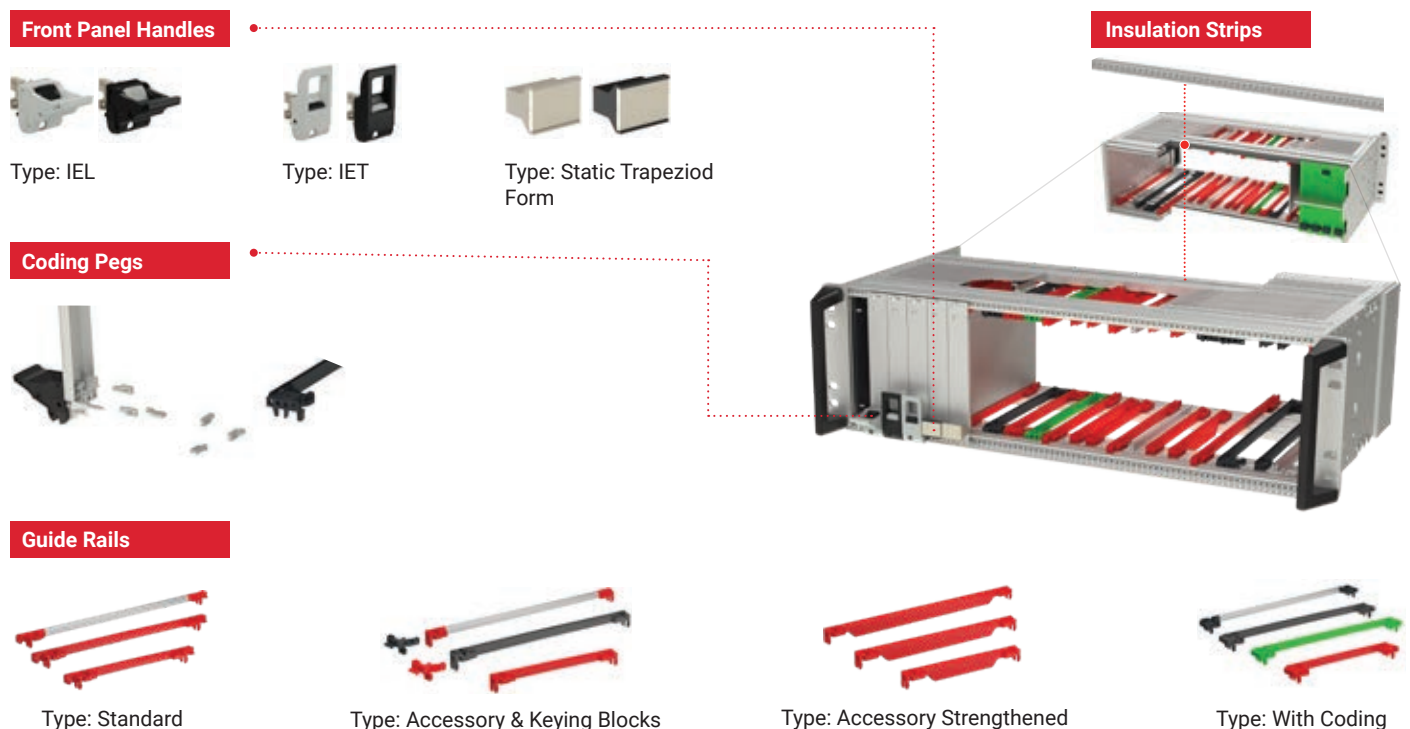
nVent SCHROFF has invested heavily in railway certified enclosure solutions for on board applications in order to provide our customers with a complete portfolio of options. These are engineered for convenient use wherever ruggedness and high functionality is required. This investment is part of the nVent SCHROFF continuous product improvement strategy. The nVent SCHROFF guide rails portfolio was updated to the most stringent testing in accordance with European standards and regulations.

FIRE SAFETY UPGRADE - SCHROFF SUBRACK ACCESSORY AND COMPONENTS UPGRADE

The EN45545 standard applies to rail vehicles and rolling stock equipment, to protect passengers and personnel within railway vehicles from smoke and toxic gases in the event of a fire. The updated nVent SCHROFF guide rail portfolio changed the main material used for creating the components and added additional new items.

By adopting the nVent SCHROFF new guide rail generation, our customers will benefit from the following advantages:

- Significantly increased stability
- Improved fire safety properties (UL-VO and EN 45545-2, R22, R23 and R24 HL3 compliance)
- Future-proof material (RoHS, REACH and "halogen-free" according to IEC 61249-2-21)
- Expansion of the range (9 new guide rails)
- Modernized and improved design



EUROPACPRO SUBRACK

nVent SCHROFF's EuropacPRO 19" subracks are easily configured and designed to house and protect your electronic equipment. With a modular platform and a wide range of standard, modified and also customized solutions, EuropacPRO subracks are ideal for a variety of requirements ranging from cost-saving up to ruggedized shock and vibration resistant options.

- Shock and vibration resistance per EN45545, EN 50155, MIL-STD-167, IEC 61587 DL 3, MIL-STD-810G, MIL-STD-901D, NF F 60-002
- EMC shielding with stainless steel or textile gaskets
- Modular subrack with a wide portfolio of compatible standard components
- Broad portfolio of compatible front panels, plug-in units and accessories



Standard EuropacPRO Subrack

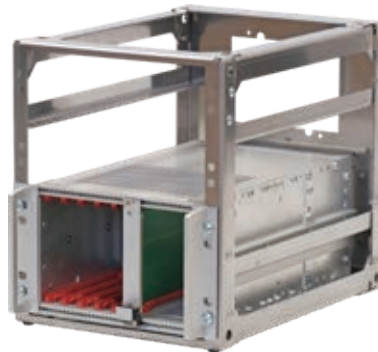


Custom EuropacPRO Subrack

ON-BOARD RACKS

Innovative On-Board Racks (OBR) from nVent SCHROFF bring space-saving efficiency to on-board electronics and can also reduce transportation costs.

- Suitable for 1, 2, or 3 U SNCF subracks (NF F61-005, CF 60-002)
- Suitable for ongoing vibrations, shock, high temperatures, and high humidity
- Height 3, 6, and 9 U, width 36 and 84 HP, depth 341.8 mm
- Welded to EN 15085 (CL2) and AWS standards
- Rear side is equipped for standard connectors; crossbar can be custom-coded for the SNCF coding pins



To learn more, please visit: [Railway and Transportation Solutions | nVent](#)

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