

GLOBALLY PRODUCED.  
 LOCALLY SUPPORTED.



EUROPE

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 Tel +49.7082.794.0

Betschdorf, France  
 Tel +33.388.90.64.90

Warsaw, Poland  
 Tel +48.22.209.98.35

Assago, Italy  
 Tel +39.02.5776151.224

NORTH AMERICA

All locations  
 Tel +1.763.422.2661

MIDDLE EAST & INDIA

Dubai, United Arab Emirates  
 Tel +971.4.823.8666

Bangalore, India  
 Tel +91.80.6715.8900

Istanbul, Turkey  
 Tel +90.541.3680941

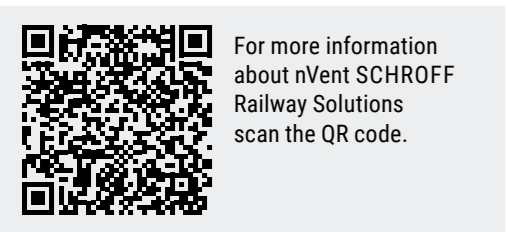
ASIA

Shanghai, P.R. China  
 Tel +86.21.2412.6943

Qingdao, P.R. China  
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Singapore  
 Tel +65.6768.5800

Shin-Yokohama, Japan  
 Tel +81.45.476.0271



For more information  
 about nVent SCHROFF  
 Railway Solutions  
 scan the QR code.



CONNECT AND PROTECT

EN 50155  
 On-Board VARISTAR CP  
 Cabinet for RAILWAY

Our powerful portfolio of brands:  
 CADDY   ERICO   HOFFMAN   RAYCHEM   SCHROFF   TRACER



nVent.com/SCHROFF



RAIL CERTIFIED –  
WELDED STEEL FRAME – ON-BOARD CABINET

The nVent SCHROFF Varistar CP cabinet ensures systems are reliable and able to withstand the toughest operating conditions. It is designed for use in critical and non-critical railway applications.



On-board cabinets engineered to withstand the challenging environment on a train and are designed to meet:



EN 61000-5-7  
IEC 61587



EN 50155  
AREMA



EN 15085-2



EN 45545



IEC 60529

A MODULAR  
PRODUCT

Start with a pre-configured certified on-board cabinet or work with nVent SCHROFF engineers to design a cabinet that meets space requirements.

Standard P/N: 10630-031

- **Color Code:** RAL 7021
- **Height:** 1800 mm
- **Width:** 600 mm
- **Depth:** 400 mm

BUILT  
TO LAST

The EN 50155 standard assumes systems on rolling stock operate 24/7 for 30 years or 250,000 hours without failure.

- Houses vital control unit for ETCS, CBTC, ATO, PTC and ATS and track to train transmission
- Driver machine interface
- Passenger information system
- Door control system
- Braking system

HIGH RESISTANCE  
TO SHOCK  
AND VIBRATION



A FLEXIBLE  
PRODUCT

CAN BE MODIFIED  
TO MEET:

- Space constraints:  
**Height:** 800–2000mm  
**Width:** 600–800mm  
**Depth:** 400–800mm
- Others on demand
- Branding requirements

SPACE OPTIMIZATION  
WITH CONNECTOR PLATES  
OR SWING FRAME OPTIONS



ACCESS  
CONTROL



CABLE ENTRY  
AND MANAGEMENT



IN-HOUSE THERMAL ANALYSIS  
AND CONSULTATION

- Rack level
- Chassis level
- Embedded systems
- Passive or active cooling



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