

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME**CB TEST CERTIFICATE**

Product

Ethernet routing switches / backbone switches for Rolling Stock

Name and address of the applicant

Westermo Network Technologies AB
Metallverksgatan 6, Kopparlunden
721 30 Västerås
SWEDEN

Name and address of the manufacturer

Same as applicant

Name and address of the factory

Note: When more than one factory, please report on page 2

Westermo Network Technologies AB
Wij 4
635 35 Stora Sundby
SWEDEN

Ratings and principal characteristics

Viper 12A series: 24 – 110 VDC, 580-140 mA
Viper 20A series: 24 -110 VDC, 670-160 mA
Viper TBN series: 24-110 VDC, 660-110mA
Viper 08 series: 24-110 VDC, 460-110mA

Trademark (if any)

Westermo

Customer's Testing Facility (CTF) Stage used

-

Model / Type Ref.

See page 2

Additional information (if necessary may also be reported on page 2)

See page 2

A sample of the product was tested and found to be in conformity with

IEC 61010-1:2010+A1
IEC 61010-2-201:2017

As shown in the Test Report Ref. No. which forms part of this Certificate

1910894STO-001, 1910894STO-002, 2025657STO-001,
2025657STO-002,

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Torshamnsgatan 43
Box 1103
SE-164 22 Kista, Sweden

Signature:



Henrik Wikström

Date: 21 January, 2022

Model / Type Ref.

Viper-*12A-*, Viper-*12A-PP-*, Viper-*12A-T3G-*, Viper-*12A-T3G-PP-*, Viper-*12A-T5G-*, Viper-*12A-T5G-PP-*, Viper-*20A*, Viper-*20A-PP-*, Viper-*20A-T4G-*, Viper-*20A-T4G-PP-*, Viper-208-TBN-*, Viper-208-T4G-TBN-*, Viper-208-T8G-TBN*, Viper-*08-T8G-*

Additional information

The product is also in conformity with the following national differences as shown in report with ref. No. 1910894STO-001:

- CSA C22.2 No. 61010-1-12
- UL 61010-1:2012

On-site verification of the product line testing was excluded.

Description of unit:

The Viper TBN is a managed backbone routing switch optimised for the needs of the railway rolling stock market. The dual bypass relay ensures that aggregated links between cars are maintained, even if there is a power failure in one car.

Explanation of type designation:

Viper-*12A-*, Viper-*12A-PP-*, Viper-*12A-T3G-*, Viper-*12A-T3G-PP-*, Viper-*12A-T5G-*, Viper-*12A-T5G-PP-*, Viper-*20A*, Viper-*20A-PP-*, Viper-*20A-T4G-*, Viper-*20A-T4G-PP-*, Viper-*08-T8G-*

First symbol “*” in the model names is a digit which is either 1 or 2 and indicates software class. Has no impact on safety.

Second symbol “*” in the model names is either null or specifies customer specific branded models with different colour and software interface. Has no impact on safety.

Explanation of type designation:

Viper-208-TBN-*, Viper-208-T4G-TBN-*, Viper-208-T8G-TBN*

The symbol “*” in the model names is either null or specifies customer specific branded models with different colour and software interface. Has no impact on safety.

This certificate replaces CB certificate SE-100996, dated 07 may 2020. A new certificate is issued due to addition of Viper 20A series, Viper 12A series, Viper-208-TBN and viper 08 series and update of manuals.

Date: 21 January, 2022

Signature:

