



TYPE APPROVAL CERTIFICATE

Certificate no.:
TAE000016Y
Revision No:
3

This is to certify:
that the Terminal Block

with type designation(s)
PTRV..., FTRV...

issued to

Phoenix Contact GmbH & Co. KG
Blomberg, Nordrhein-Westfalen, Germany

is found to comply with

DNV rules for classification – Ships, offshore units, and high speed and light craft

Application:

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Issued at **Hamburg** on **2026-02-18**

This Certificate is valid until **2031-04-19**.

for **DNV**

DNV local unit: **Hamburg – CMC North/East**

Approval Engineer: **Torsten Dzillak**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Product description

The PTRV/FTRV/PTRVB/FTRVB marshalling terminals and potential distributor are used to marshal or distribute signals in automation applications. The wiring of a large number of conductors is simplified through levels, which can be designed individually based on color.

Potential distributor with leg spring connection:

PTRV/FTRV 4/8 -FE

PTRV/FTRV 4/8 -PV

- FE Functional earth
- PV Potential distribution
- Number of positions: 2
- Number of levels: 4/8
- Number of connections: 16/32
- Potentials: 1
- Nominal cross section: 1,5 mm²
- Nominal current IN: 17,5 A
- Nominal voltage UN:250 V
- FTRV without actuation lever

PTRVB/FTRVB 4/8 -PV

PTRVB/FTRVB 4/8 -FI

- FE Functional earth
- PV Potential distribution
- FI Feed insert
- Number of positions: 2
- Number of levels: 4/8
- Number of connections: 16/32
- Potentials: 1
- Nominal cross section: 1,5 mm²/4 mm²
- Nominal current IN: 17,5 A/32A
- Nominal voltage UN:250 V
- FTRV without actuation lever

Marshalling panel with leg spring connection:

PTRV/FTRV 4/8

- Marshalling panel with leg spring connection.
- Number of positions: 2
- Number of levels: 4/8
- Number of connections: 16/32
- Potentials: 4/8
- Nominal cross section: 1,5 mm²
- Nominal current IN: 10/8 A
- Nominal voltage UN:250 V
- FTRV without actuation lever

Application/Limitation

Location Classes:

Temperature: C, Humidity: B, Vibration: B

Not for protective conductor terminal blocks with PE/PEN function.

Operating instruction of the manufacturer to be observed

Type Approval documentation

Tests carried out

Applicable tests according to class guideline DNV-CG-0339, IEC 60947-7-1/2:2009

Marking of product

Phoenix Contact - Type designation - Main data.

All type designation may be followed by suffix such as color or packaging options.

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine Tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE