



# TYPE APPROVAL CERTIFICATE

Certificate no.:  
**TAE0000029**  
Revision No:  
**2**

**This is to certify:**  
**that the Terminal Block**

with type designation(s)  
**PT Power 35, PT Power 50, PT Power 95, PT Power 185**

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 **Høvik** on **2025-03-03**

for **DNV**

This Certificate is valid until **2030-05-11**.

DNV local unit: **Essen**

Approval Engineer: **Harald Amberger**

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

|                      |                      |                      |                       |
|----------------------|----------------------|----------------------|-----------------------|
| PTPOWER 35           | PTPOWER 50           | PTPOWER 95           | PTPOWER 185           |
| PTPOWER 35-PE        | PTPOWER 50-PE        | PTPOWER 95-PE        | PTPOWER 185-FE        |
| PTPOWER 35-3L        | PTPOWER 50-3L        | PTPOWER 95-3L        | PTPOWER 185-P         |
| PTPOWER 35-3L/N      | PTPOWER 50-3L/N      | PTPOWER 95-3L/N      | PTPOWER 185-3L        |
| PTPOWER 35-3L/FE     | PTPOWER 50-3L/FE     | PTPOWER 95-3L/FE     | PTPOWER 185-3L/N      |
| PTPOWER 35-3L/N/FE   | PTPOWER 50-3L/N/FE   | PTPOWER 95-3L/N/FE   | PTPOWER 185-3L/FE     |
| PTPOWER 35-3L-F      | PTPOWER 50-3L-F      | PTPOWER 95-3L-FPT    | PTPOWER 185-3L/N/FE   |
| PTPOWER 35-3L/N-F    | PTPOWER 50-3L/N-F    | PTPOWER 95-3L/N-F    | PTPOWER 185-F         |
| PTPOWER 35-3L/FE-F   | PTPOWER 50-3L/FE-F   | PTPOWER 95-3L/FE-F   | PTPOWER 185-FE-F      |
| PTPOWER 35-3L/N/FE-F | PTPOWER 50-3L/N/FE-F | PTPOWER 95-3L/N/FE-F | PTPOWER 185-3L-F      |
| PTPOWER 35-F         | PTPOWER 50-F         | PTPOWER 95-F         | PTPOWER 185-3L/N-F    |
| PTPOWER 35-FE        | PTPOWER 50-FE        | PTPOWER 95-FE        | PTPOWER 185-3L/FE-F   |
| PTPOWER 35-FE-F      | PTPOWER 50-FE-F      | PTPOWER 95-FE-F      | PTPOWER 185-3L/N/FE-F |
| PTPOWER 35-P         | PTPOWER 50-P         | PTPOWER 95-P         | PTPOWER 185-P-F       |

|                                 |                       |                    |                    |                     |
|---------------------------------|-----------------------|--------------------|--------------------|---------------------|
| Ratings:                        | PTPOWER35             | PTPOWER50          | PTPOWER95          | PTPOWER185          |
| Rated cross section             | 35 mm <sup>2</sup>    | 50 mm <sup>2</sup> | 95 mm <sup>2</sup> | 185 mm <sup>2</sup> |
| Nominal current                 | 125 A                 | 150 A              | 232 A              | 309 A               |
| Rated impulse withstand voltage | 8 kV                  |                    |                    |                     |
| Rated insulation voltage        | 1000 V AC / 1500 V DC |                    |                    |                     |

### Accessories:

|                                |   |         |           |           |           |
|--------------------------------|---|---------|-----------|-----------|-----------|
| Insertion Bridge: No. of. pos. | 2 | FBS2-16 | EB2-20/PT | EB2-25/PT | EB2-31/PT |
| Insertion Bridge: No. of. pos. | 3 |         | EB3-20/PT | EB3-25/PT | EB3-31/PT |
| Insertion Bridge: No. of. pos. | 4 |         |           | EB4-25/PT |           |
| Current carrying capacity:     |   | 101 A   | 150 A     | 150 A     | 232 A     |

## Application/Limitation

Location Classes:

Temperature: B, Humidity: B, Vibration: B

Operating instruction of the manufacturer to be observed

## Type Approval documentation

Summary of test reports, Typ List\_PTPOWER\_35-185

## Tests carried out

IEC 60947-7-1:2009; IEC 60947-7-2:2009, Cold, dry heat, damp heat, vibration, flame retardancy.

## Place of production

PHOENIX CONTACT ELEKTRONIK ÜRETİM  
 ATA Mahallesi Serbest Bölge  
 Orkide Caddesi No: 13/15  
 16600 GEMLİK- BURSA  
 TURKEY

## Marking of product

Phoenix Contact - Type designation - Main data.

## 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