



TYPE APPROVAL CERTIFICATE

Certificate No:
TAE00002TT
Revision No:
5

This is to certify:

That the Terminal Block

with type designation(s)
PTFIX...

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 **2024-10-15**

This Certificate is valid until **2029-10-20**.

DNV local station: **Essen**

for **DNV**

Approval Engineer: **Harald Amberger**

.....
Oddvar Deinboll
Head of Section

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 300,000 USD.



Form code: TA 251

Revision: 2021-03

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Page 1 of 4

Product description

PTFIX...	Distribution block
PTFIX...-G	Distribution block adhesive mounting
PTFIX...-NS35	Distribution block mounting on DIN rail NS 35 or NS 15, transverse to the DIN rail
PTFIX...-NS35A	Distribution block mounting on DIN rail NS 35 along the DIN rail
PTFIX...-NS15A	Distribution block mounting on DIN rail NS 15 along the DIN rail
PTFIX.../...	Distribution block with feed in
PTFIX.../...MT...	Distribution block with feed in and disconnect knife in the branches
PTFIX.../...MTL...	Distribution block with feed in and disconnect knife in the branches
PTFIX.../...SI...	Distribution block fuse type: G / 5 x 20

Type designation	Cross section	Rated Current	Rated Voltage
PTFIX 2X1,5	1,5mm ²	17,5A	450V
PTFIX 4X1,5	1,5mm ²	17,5A	450V
PTFIX 6X1,5	1,5mm ²	17,5A	450V
PTFIX 12X1,5	1,5mm ²	17,5A	450V
PTFIX 18X1,5	1,5mm ²	17,5A	450V
PTFIX 6X1,5-G	1,5mm ²	17,5A	450V
PTFIX 12X1,5-G	1,5mm ²	17,5A	450V
PTFIX 18X1,5-G	1,5mm ²	17,5A	450V
PTFIX 6X1,5-NS15A	1,5mm ²	17,5A	500V
PTFIX 12X1,5-NS15A	1,5mm ²	17,5A	500V
PTFIX 18X1,5-NS15A	1,5mm ²	17,5A	500V
PTFIX 18X1,5-NS35	1,5mm ²	17,5A	500V
PTFIX 4/6X1,5	1,5mm ²	17,5A	450V
PTFIX 4/12X1,5	1,5mm ²	17,5A	450V
PTFIX 4/18X1,5	1,5mm ²	17,5A	450V
PTFIX 4/6X1,5-G	1,5mm ²	17,5A	450V
PTFIX 4/12X1,5-G	1,5mm ²	17,5A	450V
PTFIX 4/18X1,5-G	1,5mm ²	17,5A	450V
PTFIX 4/6X1,5-NS15A	1,5mm ²	17,5A	500V
PTFIX 4/12X1,5-NS15A	1,5mm ²	17,5A	500V
PTFIX 4/18X1,5-NS15A	1,5mm ²	17,5A	500V
PTFIX 4/18X1,5-NS35	1,5mm ²	17,5A	500V
PTFIX 2X2,5	2,5mm ²	24A	450V
PTFIX 6X2,5	2,5mm ²	24A	450V
PTFIX 12X2,5	2,5mm ²	24A	450V
PTFIX 18X2,5	2,5mm ²	24A	450V
PTFIX 6X2,5-NS15A	2,5mm ²	24A	690V
PTFIX 12X2,5-NS15A	2,5mm ²	24A	690V
PTFIX 18X2,5-NS15A	2,5mm ²	24A	690V
PTFIX 6X2,5-NS35	2,5mm ²	24A	690V
PTFIX 12X2,5-NS35	2,5mm ²	24A	690V
PTFIX 18X2,5-NS35	2,5mm ²	24A	690V
PTFIX 6X2,5-NS35A	2,5mm ²	24A	690V
PTFIX 12X2,5-NS35A	2,5mm ²	24A	690V
PTFIX 18X2,5-NS35A	2,5mm ²	24A	690V
PTFIX 6/6X2,5	2,5mm ²	24A	450V
PTFIX 6/12X2,5	2,5mm ²	24A	450V
PTFIX 6/18X2,5	2,5mm ²	24A	450V
PTFIX 6/6X2,5-NS15A	2,5mm ²	24A	690V
PTFIX 6/12X2,5-NS15A	2,5mm ²	24A	690V
PTFIX 6/18X2,5-NS15A	2,5mm ²	24A	690V
PTFIX 6/6X2,5-NS35	2,5mm ²	24A	690V
PTFIX 6/12X2,5-NS35	2,5mm ²	24A	690V
PTFIX 6/18X2,5-NS35	2,5mm ²	24A	690V
PTFIX 6/6X2,5-NS35A	2,5mm ²	24A	690V
PTFIX 6/12X2,5-NS35A	2,5mm ²	24A	690V
PTFIX 6/18X2,5-NS35A	2,5mm ²	24A	690V

Type designation	Cross section	Rated Current	Rated Voltage
PTFIX 6/6X2,5-MT	2,5mm ²	20A	400V
PTFIX 6/6X2,5-MT-F	2,5mm ²	20A	400V
PTFIX 6/6X2,5-MT-NS15A	2,5mm ²	20A	400V
PTFIX 6/6X2,5-MT-NS35	2,5mm ²	20A	400V
PTFIX 6/6X2,5-MT-NS35A	2,5mm ²	20A	400V
PTFIX 6/6X2,5-MTL	2,5mm ²	20A	400V
PTFIX 6/6X2,5-MTL-F	2,5mm ²	20A	400V
PTFIX 6/6X2,5-MTL-NS15A	2,5mm ²	20A	400V
PTFIX 6/6X2,5-MTL-NS35	2,5mm ²	20A	400V
PTFIX 6/6X2,5-MTL-NS35A	2,5mm ²	20A	400V
PTFIX 2X4	4mm ²	32A	450V
PTFIX 6X4	4mm ²	32A	450V
PTFIX 12X4	4mm ²	32A	450V
PTFIX 18X4	4mm ²	32A	450V
PTFIX 6X4-G	4mm ²	32A	450V
PTFIX 12X4-G	4mm ²	32A	450V
PTFIX 18X4-G	4mm ²	32A	450V
PTFIX 6X4-NS35	4mm ²	32A	800V
PTFIX 12X4-NS35	4mm ²	32A	800V
PTFIX 18X4-NS35	4mm ²	32A	800V
PTFIX 6X4-NS35A	4mm ²	32A	800V
PTFIX 12X4-NS35A	4mm ²	32A	800V
PTFIX 18X4-NS35A	4mm ²	32A	800V
PTFIX 6X10/S	10mm ²	57A	450V
PTFIX 6X10/S-G	10mm ²	57A	450V
PTFIX 6X10/S-NS35	10mm ²	76A	800V
PTFIX 6X10/S-NS35A	10mm ²	76A	800V
PTFIX 10/6x4-SI (5x20)	4mm ²	6,3A ¹	250V ¹
PTFIX 10/6x4-SILED 24 (5x20)	4mm ²	6,3A ¹	24V ¹
PTFIX 10/6x4-SILED 60 (5x20)	4mm ²	6,3A ¹	60V ¹
PTFIX 10/6x4-SILED 250 (5x20)	4mm ²	6,3A ¹	250V ¹

Further ratings acc. manufacturer documentation.

Application/Limitation

Location Classes:

Temperature: B, Humidity: B, Vibration: B

¹ The current is determined by the fuse used, the voltage by the fuse or selected light indicator.

Operating instruction of the manufacturer to be observed

Type Approval documentation

Tests carried out

IEC 60947-7-1:2009-04, IEC 60947-7-3:2009-04, IEC 60998-2-2:2002-12, cold, dry heat, damp heat, vibration flame retardancy.

Marking of product

Phoenix Contact - Type designation - Main data.

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

Name & Place of Manufacturer

Phoenix Contact Wielkopolska Spolka z.o.o.

Ul. Celna 5

64-300 Nowy Tomysl

Poland

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 CERTIFICATETAE