



Marine & Offshore

Certificate number: 25278/C1 BV

File number: ACE14/600/9

Product code: 2601D

This certificate is not valid when presented without the full attached schedule composed of 7 sections

www.veristar.com

TYPE APPROVAL CERTIFICATE

This certificate is issued to

Phoenix Contact GmbH & Co. KG

Blomberg - GERMANY

for the type of product

TERMINAL BLOCKS (LOW VOLTAGE)

PT... 2,5..., PT... 2,5... (R1)

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships

EC Code: 33

IEC 60947-7-1:2009

IEC 60947-7-2:2009

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 13 Jan 2027

For Bureau Veritas Marine & Offshore,

At BV HAMBURG, on 23 Aug 2022,

Dirk Hoepfner

This certificate was created electronically and is valid without signature



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <https://www.veristarm.com/veristarnb/jsp/viewPublicPdfTypepec.jsp?id=8yqjr9tm84>

BV Mod. Ad.E 530 June 2017

This certificate consists of 5 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

The PT... 2,5... and PT... 2,5... (R1) series are Push-In Terminals with rated cross section of 2,5mm².

Article No.	Type	Available as PT... 2,5... (R1)	Rated Current	Rated Voltage
PT 2,5				
3209510	PT 2,5	x	24A	800V
3209523	PT 2,5 BU	x	24A	800V
3212330	PT 2,5 BK	x	24A	800V
1176299	PT 2,5 BN	x	24A	800V
3209513	PT 2,5 GN	x	24A	800V
3212329	PT 2,5 OG	x	24A	800V
1233142	PT 2,5 PK	x	24A	800V
1233140	PT 2,5 VT	x	24A	800V
3209511	PT 2,5 WH	x	24A	800V
3209511	PT 2,5 YE	x	24A	800V
3209536	PT 2,5-PE	x	-	-
3210156	PT 2,5-MT	x	20A	400V
3211650	PT 2,5-MT BU	x	20A	400V
3210185	PT 2,5-TG	x	20A	400V
3210033	PT 2,5/1P	-	24A*	500V
3210046	PT 2,5/1P BU	-	24A*	500V
3210059	PT 2,5/1P-PE	-	-	-
PT 2,5-TWIN				
3209549	PT 2,5-TWIN	x	24A	800V
3209552	PT 2,5-TWIN BU	x	24A	800V
3209565	PT 2,5-TWIN-PE	x	-	-
3210169	PT 2,5-TWIN-MT	x	20A	400V
3211663	PT 2,5-TWIN-MT BU	x	20A	400V
3210198	PT 2,5-TWIN-TG	x	20A	400V
3209633	PT 2,5-TWIN/1P	-	24A*	500V
3209646	PT 2,5-TWIN/1P BU	-	24A*	500V
3209659	PT 2,5-TWIN/1P-PE	-	-	-
PT 2,5-QUATTRO				
3209578	PT 2,5-QUATTRO	x	24A	800V
3209581	PT 2,5-QUATTRO BU	x	24A	800V
3209594	PT 2,5-QUATTRO-PE	x	-	-
3210172	PT 2,5-QUATTRO MT	x	20A	400V
3211676	PT 2,5-QUATTRO MT BU	x	20A	400V
3210208	PT 2,5-QUATTRO-TG	x	20A	400V
3209662	PT 2,5-QUATTRO/2P	-	24A*	500V
3209675	PT 2,5-QUATTRO/2P BU	-	24A*	500V
3209688	PT 2,5-QUATTRO/2P-PE	-	-	-
PT 2,5-3				
3210499	PT 2,5-3L	-	20A	500V
3210509	PT 2,5-3L BU	-	20A	500V
3210512	PT 2,5-3PV	-	20A	500V
3210525	PT 2,5-3PE	-	-	-
3210541	PT 2,5-PE/L/L	-	20A	500V
3210538	PT 2,5-PE/L/N	-	20A	500V
PT 2,5-MTB				
3210157	PT 2,5-MTB	x	16A	400V
3210163	PT 2,5-MTB BU	x	16A	400V

Article No	Type	Available as PT... 2,5... (R1)	Rated Current	Rated Voltage
3210170	PT 2,5-TWIN-MTB	x	16A	400V
3210177	PT 2,5-TWIN-MTB BU	x	16A	400V
3210184	PT 2,5-QUATTRO-MTB	x	16A	400V
3210191	PT 2,5-QUATTRO-MTB BU	x	16A	400V
3210192	PT 2,5-TGB	x	16A	400V
3210193	PT 2,5-TWIN-TGB	x	16A	400V
3210194	PT 2,5-QUATTRO-TGB	x	16A	400V
PTS				
3211799	PTS 2,5	-	24A	800V
3211812	PTS 2,5 BU	-	24A	800V
3211867	PTS 2,5-PE	-	-	-
3211896	PTS 2,5-TWIN	-	24A	800V
3211906	PTS 2,5-TWIN BU	-	24A	800V
3211935	PTS 2,5-TWIN-PE	-	-	-
3211993	PTS 2,5-QUATTRO	-	24A	800V
3212002	PTS 2,5-QUATTRO BU	-	24A	800V
3212011	PTS 2,5-QUATTRO-PE	-	-	-
PTTB				
3210567	PTTB 2,5	x	22A	500V
3210570	PTTB 2,5 BU	x	22A	500V
3210583	PTTB 2,5-PV	x	22A	500V
3210596	PTTB 2,5-PE	x	-	-
3210978	PTTB 2,5-PE/L	x	24A	500V
3210981	PTTB 2,5-PE/N	x	24A	500V
3211456	PTTB 2,5-LA 24 RD	x	20A	24V
3211469	PTTB 2,5-LA 60 RD	x	20A	60V
3211472	PTTB 2,5-LA 230	x	20A	230V
3210871	PTTB 2,5/2P	x	22A*	500V
3210884	PTTB 2,5/2P BU	x	22A*	500V
3210907	PTTB 2,5/2P-PV	x	22A*	500V
3210897	PTTB 2,5/2P-PE	x	-	-
PTTBS				
3209604	PTTBS 2,5	x	22A	500V
3209617	PTTBS 2,5 BU	x	22A	500V
3210211	PTTBS 2,5-PV	x	22A	500V
3209620	PTTBS 2,5-PE	x	-	-

Accessories:

Article No	Type	Rated Current	Rated Voltage
3209866	PP-H 2,5/1	24A*	500V
3210017	PP-H 2,5/1 BU	24A*	500V
3209879	PP-H 2,5/2	24A*	500V
3209882	PP-H 2,5/3	24A*	500V
3209895	PP-H 2,5/4	24A*	500V
3209905	PP-H 2,5/5	24A*	500V
3209918	PP-H 2,5/6	24A*	500V
3209921	PP-H 2,5/7	24A*	500V
3209934	PP-H 2,5/8	24A*	500V
3209947	PP-H 2,5/9	24A*	500V
3209950	PP-H 2,5/10	24A*	500V
3209963	PP-H 2,5/11	24A*	500V
3209976	PP-H 2,5/12	24A*	500V
3209989	PP-H 2,5/13	24A*	500V

Article No	Type	Rated Current	Rated Voltage
3209992	PP-H 2,5/14	24A*	500V
3210004	PP-H 2,5/15	24A*	500V
3210020	PP-H 2,5/1 GNYE	-	-
3210062	PP-H 2,5/1-L	24A*	500V
3210075	PP-H 2,5/1-L BU	24A*	500V
3210088	PP-H 2,5/1-L GNYE	-	-
3210091	PP-H 2,5/1-M	24A*	500V
3210101	PP-H 2,5/1-M BU	24A*	500V
3210114	PP-H 2,5/1 -MGNYE	-	-
3210127	PP-H 2,5/1-R	24A*	500V
3210130	PP-H 2,5/1-R BU	24A*	500V
3210143	PP-H 2,5/1-R GNYE	-	-
3030161	FBS 2-5	24A*	400V
3036783	P-DI	20A*	400V
3047390	P-DI GY	20A*	400V

*Derating curve of rated current for terminal blocks and connectors in relation to ambient temperature specified by the manufacturer is to be considered.

2. DOCUMENTS AND DRAWINGS:

- Catalogue: CL-2009; 3_HK_R_13_EN_LR; LDB-Nr.: 3329-00-GB dated 2012-06

3. TEST REPORTS:

Phoenix Contact GmbH & Co. KG:

- 10804-01-GB; 10805-01-GB; 10806-00-GB; 10808-00-GB; 10809-01-GB; 10810-01-GB; 10811-02-GB; 10812-02-GB;
 - 10813-00-GB; 11100-00-GB; 11101-00-GB; 11103-00-GB; 11104-00-GB; 11105-00-GB; 11106-00-GB; 14622-00-GB;
 - 16536-00-GB; 17445-01-GB; 17446-01-GB; 17447-01-GB; 17448-01-GB; 17449-01-GB; 17450-01-GB;
 - 0585-00-D; 0922-00-D; 0923-00-D; 1292-01-D; 1293-00-D; 1294-00-D; 1368-02-D; 1369-01-D; 1426-01-D; 1427-00-D;
 - 1428-00-D; 1429-00-D; 1430-02-D; 1431-02-D; 1432-02-D; 1433-00-D; 1434-00-D; 1435-00-D; 1436-00-D; 1437-00-D;
 - 1438-00-D; 1439-01-D; 1440-00-D; 1441-00-D; 1442-01-D; 1443-00-D; 1444-00-D; 1445-01-D; 1448-00-D; 1449-00-D;
 - 1450-00-D; 1451-00-D; 1453-00-D; 1456-01-D; 1457-00-D; 1459-00-D; 1468-00-D; 1469-00-D; 1472-00-D; 1474-00-D;
 - 1475-00-D; 1500-00-D; 1501-00-D; 1502-00-D; 1503-00-D; 1504-00-D; 1505-00-D; 1785-00-D; 2134-00-D; 2113-00-DE;
 - 2114-00-DE; 2115-00-D; 2132-00-D; 2133-00-D; 2238-00-DE; 2239-00-DE; 2240-00-DE

VDE Prüf- und Zertifizierungsinstitut GmbH:

- DE1-52329 dated 2013-05-29

4. APPLICATION / LIMITATION:

4.1 - Bureau Veritas Rules for the Classification of Steel Ships

4.2 - Bureau Veritas Environmental Category, **EC Code: 33**

5. PRODUCTION SURVEY REQUIREMENTS:

5.1 - The above mentioned products are to be supplied by **Phoenix Contact GmbH & Co. KG** in accordance with the type described in this certificate.

5.2 - This type of product is within the category DBV of Bureau Veritas Rule Note NR320.

5.3 - **Phoenix Contact GmbH & Co. KG** has declared to Bureau Veritas the following production sites:

Phoenix Contact GmbH & Co. KG
 Flachsmarktstrasse 8
 32825 Blomberg
 GERMANY

Phoenix Contact Development and Manufacturing Inc.
 586 Fulling Mill Rd
 Middletown, PA 17057-2966
 USA

6. MARKING OF PRODUCT:

- According to IEC 60947 specification

7. OTHERS:

7.1 - It is the responsibility of **Phoenix Contact GmbH & Co. KG - GERMANY** to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This certificate supersedes the Type Approval Certificate N° 25278/C0 BV issued on 13 Jan 2022 by the Society.

***** END OF CERTIFICATE *****