Marine & Offshore

Certificate number: 38586/B0 BV
File number: ACE14/841/4
Product code: 2601D

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

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TYPE APPROVAL CERTIFICATE

This certificate is issued to

WAGO Kontakttechnik GmbH & Co. KG

Minden - GERMANY

for the type of product

TERMINAL BLOCKS (LOW VOLTAGE)

TOPJOB S series (20...)

Requirements:
Bureau Veritas Rules for the Classification of Steel Ships
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 Nov 2024

For Bureau Veritas Marine & Offshore,
At BV HAMBURG, on 13 Nov 2019,
Dirk Hoepfner

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 SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

The **WAGO TOPJOB S** series is a terminal block system for DIN-Rail mounting to pushing in solid and ferruled conductors. The system comprising of following terminal blocks:

Terminal series	Terminal block types	Description	Rated current [A]	Rated voltage [V]	Cross section [mm²]
2000-	12.., 13.., 14..	Through/Ground Conductor/Ex and Terminal Blocks	13.5/17,5	800	1/1.5/2.5
2001-	5..	Connectors	13.5/18	500	1.5/2.5
	12.., 13.., 14..	Through/Ground Conductor/Shield and Ex Terminal Blocks	13.5/18	800	1.5/2.5
2002-	5.., 6..	Connectors/L-Type Test Plug Modules	18/24	500	2.5/4
	12.., 13.., 14.., 63.., 64..	Through/Ground Conductor/Shield and Ex Terminal Blocks	24/32	800	2.5/4
	15.., 16.., 17.., 18.., 19..	Through, Ground, Fuse, Fuse Disconnect	5/6.3/10/ 16	250/400/ 600	2.5/4
	22.., 24..	Double-Deck Terminal Blocks/4-Conductor	24/28	500/800	2.5/4
	26.., 29..	Double-Deck Disconnect Terminal Blocks	6.3/16/24/ 28/32	250/400/ 500/800	2.5/4
	32..	Triple-Deck Terminal Blocks	24/28	500	2.5/4
	41..	Quadruple-Deck, Rail-Mounted Terminal Blocks	20/25	800	2.5/4
2003-	66.., 76..	Multilevel Installation Terminal Blocks	20/28/32	250/400	2.5/4
2004-	5..	Connectors	32	500	4/6
	12.., 13.., 14..	Through/Ground Conductor/Shield and Ex Terminal Blocks	32/41	800	4/6
2005-	76..	Multilevel Installation Terminal Blocks	36	250/400	4/6
2006-	12.., 13..	Through/Ground Conductor and Ex Terminal Blocks	41/57	800	6/10
2010-	12.., 13..	Through/Ground Conductor and Ex Terminal Blocks	57/76	800	10/16
2016-	12.., 13..	Through/Ground Conductor and Ex Terminal Blocks	76/90	800	16/25
2020-	1.., 2..	Female plugs; Female Plugs for Self-Assembly	13.5	500	1
	12..,14..	1/2-Conductor 1/2-Pin Carrier Terminal Blocks	13.5	500	1
	22..	1-Conductor/1-Pin Double-Deck Carrier Terminal Blocks	13.5	500	1
2022-	1..	Female plugs; Female Plugs for Self-Assembly	24/32	690	2.5/4
	13.., 14..	2-Conductor 1/2-Pin Carrier Terminal Blocks;	24/32	690	2.5/4
	22..	1-Conductor/1-Pin Double-Deck Carrier Terminal Blocks	24/28	690	2.5/4

2. DOCUMENTS AND DRAWINGS:

Catalogue: - 0888-6001/0200-3601 dated 03/2012-00
For B0 version:
Data sheets: 2002-15../16../17../18../19../26../29..; 2003-66../76..; 2005-76..

3. TEST REPORTS:

DEKRA Certification B.V.: - NTR NL-6823 dated 14 March 2011; NTR NL-7084 dated 12 March 2013;
- NTR NL-7087 dated 12 March 2013; NTR NL-7088 dated 13 March 2013; NTR NL-7089 dated 13 March 2013;
- NTR NL-7091 dated 13 March 2013; NTR NL-7193 dated 6 December 2013; NTR NL-7207 dated 5 February 2014
KEMA Quality B.V.: - NTR NL-6745 dated May 6, 2010; NTR NL-6746 dated May 10, 2010;
- NTR NL-6747 dated May 10, 2010; NTR NL-6786 dated October 28, 2010
WAGO Kontakttechnik GmbH & Co.KG: - 14161 dated 2005-05-02; 16317 dated 17.04.2008; 17267 dated 24.02.2009;
- 21731 dated 2011-06-15; 21732 dated 2011-06-03; 21733 dated 2011-06-03; 21784 dated 2011-10-04
For B0 version:
WAGO Kontakttechnik GmbH & Co.KG: - 21732 dated 2011-06-03; 21733 dated 2011-06-03;
-21782 dated 2011-10-04; 26491 dated 2016-02-22; 27290 dated 2016-03-24
DEKRA: - NTR NL-7730 dated 22 March 2019; NTR NL-7731 dated 26 March 2019

4. APPLICATION / LIMITATION:

4.1 - Bureau Veritas Rules and Regulations 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 **WAGO Kontakttechnik GmbH** 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.

6. MARKING OF PRODUCT:
According to IEC 60947 specification.

7. OTHERS:
7.1 - It is the responsibility of **WAGO Kontakttechnik GmbH** 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° 38586/A0 BV issued on 20 Jun 2014 by the Society.

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