Marine & Offshore

Certificate number: 07436/F0 BV
File number: ACE 14/841/01
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)

Terminal Blocks/Connectors/Electronic Modules with Cage Clamp Spring
Types 226- 227- 260- 261- 262- 264- 279- 280- 281- 282- 283- 284- 285- 769- 775- 776- 777- 780- 781- 782- 783- 784- 826- 870- 880-

Requirements:
Bureau Veritas Rules for the Classification of Steel Ships
EC Code: 31
IEC 60947-7-1: 2009 or IEC 60998-1:2002, IEC 60998-2-2:2002

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: 10 Sep 2025

For Bureau Veritas Marine & Offshore,
At BV HAMBURG, on 10 Sep 2020,
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:

Terminal series	Terminal block types	Rated current	Rated voltage	Cross section
226-	101; 102; 103; 104; 107; 108; 111; 112; 113; 114	4/6A	250/630V	4mm²
227-	552 to 574	3.16/2.16A	250/500V	4mm²
260-	10.; 15.; 20.; 25.; 30.; 31; 32.; 33.; 34.; 35.	17.5A	400V	1.5mm²
261-	10.; 11.; 13.; 15.; 16.; 20.; 21.; 25.; 26.; 30.; 31.; 32.; 33.; 34.; 35. and operating lever	24A	500V	2.5mm²
262-	10.; 11.; 13.; 15.; 16.; 20.; 21.; 23.; 25.; 26.; 30.; 31; 32; 33.; 34.; 35.	24/32A	630V	4mm²
264-	30.; 31.; 32.; 33.; 34.; 35.; 70.; 72.; 73.	24A	800V	2.5mm²
279-	101; 102; 104; 105; 604; 621; 626; 681 to 688; 826; 831 to 838; 901 to 908; 989 to 995; 687 / 999-950; 907 / 999-50	15/18A	550/800V	1.5mm²
280-	101; 104; 107; 108; 510; 513; 517; 519 to 527; 529 to 534; 537; 539 to 543; 547 to 552; 557; 558; 597; 601 to 604; 606; 607; 610; 612; 616; 621; 622; 626; 627; 633; 634; 637; 640; 641; 646; 649; 650; 653; 656; 671; 672; 676; 677; 678; 681; 683 to 687; 691; 695; 699; 826; 830 to 835; 837; 838; 868 to 871; 874 to 885; 896; 901 to 907; 912; 916; 946; 98- to 996; 998; 999; 107/999-950; 108/999-950; 607/999-950; 637/999-950; 677/999-950; 687/999-950; 837/999-950; 907/999-950	5/6.3/10/ 20/23/24A	125/250/ 400/500/ 550/800V	2.5mm²
281-	101; 104; 107; 108; 191; 530; 601; 604; 607; 610; 619; 620; 624; 629; 630; 631; 637; 651; 652 to 660; 663; 664; 666; 668; 672; 678; 679; 681; 683 to 687; 691; 693; 695; 901to 907; 912; 916; 991 to 994; 998; 107/999-950; 607/999-950; 637/999-950; 657/999-950; 687/999-950; 907/999-950	6.3/10/16/ 20/26/30/ 32A	250/400/ 500/550/ 800V	4mm²
282-	101; 102; 104; 105; 107; 108; 131; 132; 133; 135; 136; 138 to 141; 191; 601; 604; 607; 681; 682; 684; 687; 691; 694; 695; 697; 699; 860; 865; 866; 870; 901; 902; 904; 907; 992; 993; 107/999-950; 607/999-950; 907/999-950	30/39/ 41A	400/500/ 550/800V	6mm²
283-	101; 102 to 105; 107; 108; 113; 123; 191; 601; 604; 607; 609; 671; 672; 674; 677; 691; 901; 902; 904; 907; 992; 998; 107/999-950; 607/999-950; 677/999-950; 677/999-950; 907/999-950	68/72/ 76A	550/800V	16mm²
284-	101; 103; 104; 107; 191; 601; 604; 607; 621; 624; 681; 682; 684; 687; 691; 901; 902; 904; 907; 992; 993; 107/999-950; 607/999-950; 687/999-950; 907/999-950	53/57/ 125A	550/800V	10(35) mm²
285-	194; 195; 197; 601; 604; 607; 634; 635; 637; 691; 607/999-950	120/125/ 232A	750/800/ 1000V	25/35/ 95mm²
769-	101; 102; 103; 114; 115; 121; 122; 123; 134; 135; 151; 155; 171; 175; 201; 211; 217	16/24A	250/500V	2.5/4mm²
775-	641; 642; 645; 646; 649	20A	250/400V	4mm²
776-	641; 642; 645; 646; 649; 650; 651	26/32A	250/400V	4mm²
777-	641; 642; 645 to 652	26/32A	250/400V	4mm²
780-	601; 602; 607; 613; 631; 637; 640; 651; 654; 677; 992; 993; 607/999-950; 637/999-950; 677/999-950	23/24A	400/750/ 1000V	2.5mm²
781-	601; 604; 607; 613; 631; 637; 651; 992; 993; 607/999-950; 637/999-950	30/32A	400/750/ 1000V	4mm²
782-	601; 604; 607; 613; 992; 607/999-950	39/41A	400/750/ 1000V	6 mm²
783-	601; 604; 607; 613; 992; 607/999-950	68/76A	400/750/ 1000V	10/ 16mm²
784-	601; 604; 607; 613; 992; 607/999-950	53/57A	400/750/ 1000V	10/ 16mm²
826-	161 to 172; 161/000-016	32A	500V	4mm²
870-	501 to 504; 507; 517; 527; 551; 553; 557; 558; 559; 567; 577; 901; 902; 904; 907	24A	500V	2.5mm²

2. DOCUMENTS AND DRAWINGS:

- Catalogue: 0888-6001/0200-3601 dated 03/2012-00; 0888-6002/0200-3601 dated 03/2012-01
0888-0301/0013-0601 dated 10/08/2001; 0888-0302/0013-0601 dated 26/04/2001
- Note: filed in ACE 14/841/01.
- ATEX certificates: KEMA 00 ATEX 2015 U; PTB 98 ATEX 3125 U; PTB 98 ATEX 3129 U; PTB 98 ATEX 3131 U; PTB 98 ATEX 3133 U; PTB 98 ATEX 3134 U; PTB 99 ATEX 3109 U; PTB 00 ATEX 3110 U; PTB 00 ATEX 3113 U; PTB 00 ATEX 3128 U; PTB 00 ATEX 3129 U; PTB 00 ATEX 3130 U; PTB 00 ATEX 3131 U; PTB 00 ATEX 3132 U

3. TEST REPORTS:

- DEKRA Certification B.V.: NTR NL-7081; NTR NL-7053; NTR NL-7083; NTR NL-7108; NTR NL-7148; NTR NL-7078; NTR NL-7147; NTR NL-7145; NTR NL-7162; NTR NL-7151; NTR NL-7136; NTR NL-6826
- KEMA Quality B.V.: NTR-NL 6508; NTR-NL 6509; NTR-NL 6510; NTR-NL 6511; 95.4538.63 to .66; 97.4900.51+52; 99.7606.50+51; 99.0597.50+51; 99.0604.50+51; 99.0607.50+51

4. APPLICATION / LIMITATION:

4.1 - Bureau Veritas Rules and Regulations for the Classification of Steel Ships
4.2 - Bureau Veritas Environmental Category, **EC Code: 31**

5. PRODUCTION SURVEY REQUIREMENTS:

5.1 - The above mentioned products are to be supplied by **WAGO Kontakttechnik 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.

6. MARKING OF PRODUCT:

According to IEC 60947 or IEC 60998 specifications.

7. OTHERS:

7.1 - It is the responsibility of **WAGO Kontakttechnik GmbH & Co. KG** 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° 07436/E0 BV issued on 16 Apr 2014 by the Society.

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