

# TYPE APPROVAL CERTIFICATE

DNV·GL

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the DNV GL Type Approval System.

Certificate No. **99 155 - 96 HH**

Company **Schneider Electric Automation GmbH**

**Schneiderplatz 1  
97828 Marktheidenfeld, GERMANY**

Product Description **Interface relays for Programmable controllers**

Type **Telefast 2  
ABE - 7, ABR - 7, ABS - 7**

Environmental Category **C; EMC2**

Technical Data /  
Range of Application

**ABE-7H... Connection sub-bases for "Discrete" signals  
ABE-7S... Sub-bases with fixed solid state inputs / outputs  
ABE-7R..S.. Sub-bases with fixed electromechanical relays  
ABE-7R..T.. Sub-bases for outputs, equipped with remov. Electromech. Relays  
ABE-7P..F... Sub-bases for removable solid state inputs  
ABE-7P..T... Sub-bases for outputs, not equipped with relays  
ABS-7... Removable solid state relays  
ABR-7... Removable electromechanical relays  
ABE-7CPA...Analog sub-bases  
ABE-7ACC...Splitter sub-bases**

**Accessories of TSX 37 Micro (GL - Cert.: 99 086 - 96 HH)**

Test Standard **GL-Guidelines for the Performance of Type Approvals VI-7-2 Edition 2012  
Regulations for the Use of Computers and Computer Systems.**

Documents **Catalog 0113Q dated 18-08-2008  
Test reports : Group Schneider ABE-7...; CEMG030010-1dated 22-05-2003;  
CEMG030010-2, CEMG030010-3 and CEMG030010-4 dated 24-05-2003  
Declaration dated 30-03-2016**

Remarks **Product(s) approved by this certificate is/are accepted for installation on all  
vessels classed by DNV GL.**

Valid until **2021-05-18**

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File No. **I.B.07**

**Hamburg, 2016-05-19**

Type Approval Symbol



**DNV GL**

  
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