

EC Type-Examination Certificate



Product Safety
Functional
Safety

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ID 0600000000

Reg.-No.: 01/205/5970.00/25

Product tested Safety relay combinations **Certificate holder** H. ZANDER GmbH & Co. KG
Am Gut Wolf 15
52070 Aachen
Germany

Type designation Tethys IP65

Codes and standards EN ISO 13849-1:2023 EN 60664-1:2007
EN 61508 Parts 1-7:2010 EN IEC 60664-1:2020 + AC:2020-12 +
A1:2025

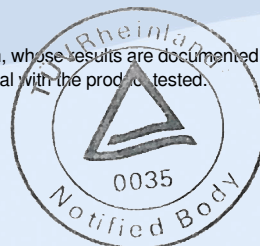
Intended application Based on the results of the inspection of the submitted documents and the tests carried out, it can be confirmed that the newly type-tested safety relay TETHYS IP65 SR/KR fulfils the requirements for SIL 3 according to EN 61508 and PL e / Cat. 4 according to EN ISO 13849-1. The devices can be used in safety applications up to these safety levels in accordance with EN IEC 62061:2021 + A1:2024, EN 61511-1:2017 + A1:2017 and EN 61508.

Specific requirements The TETHYS variants also fulfil the requirements of EN ISO 13577-4:2022 for the safety shutdown of combustion plants in continuous operation up to SIL 3 according to EN ISO 13577-4:2022.
The devices can be used in continuous operation in accordance with EN 50156-1 (Section 10.5.5.2) with sufficiently short calculated test intervals in accordance with EN 61508 parts 1-7:2010.
The information in the operating instructions regarding safe use must be observed.

It is confirmed that the products under test comply with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2030-10-06

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 2717.00/25 dated 2025-09-10. This certificate is valid only for products which are identical with the product tested.



Köln, 2025-10-06

Notified Body for Machinery, NB 0035

Sabine Wiegand

Dipl.-Ing. (FH) Sabine Wiegand