

Certificate



No.: 968/FSP 1255.01/23

Product tested Relay modules for galvanic isolation **Certificate holder** Pepperl+Fuchs SE
Lilienthalstraße 200
68307 Mannheim
Germany

Type designation KFD0-RSH-1.1D.F1 (DTS-KF)
KFD0-RSH-1.1E.1 (ETS-KF)
KCD0-RSH-1.1D.1 (DTS-KC)
KCD0-RSH-1.1E.1 (ETS-KC)

Codes and standards EN 61508 Parts 1-7:2010 EN IEC 60664-1:2020 + AC:2020-12

Intended application The relay modules provide a galvanic isolation between field circuits and control circuits. The DTS variants fulfil the requirements for SIL 3 according to EN 61508. The ETS variants fulfil the requirements for SIL 3 according to EN 61508 for low demand mode of operation and the requirements for SIL 2 according to EN 61508 for high demand mode of operation. If additional measures, as described in the ETS safety manual, are implemented by the user, the ETS variants fulfil the requirements for SIL 3. They are suitable for the use in applications up to these safety levels.

The products were also examined in reference to the applicable requirements of EN 61511-1:2017 + A1:2017, EN IEC 62061:2021 and EN ISO 13849-1:2015 during the type examination.
The DTS variants can be used in application areas up to the following safety levels: EN 61511-1 - SIL 3, EN IEC 62061 - Maximum SIL 3 and EN ISO 13849-1 - PL e.
The ETS variants can be used in application areas up to the following safety levels: EN 61511-1 - SIL 2, EN IEC 62061 - Maximum SIL 2 and EN ISO 13849-1 - PL d.

Specific requirements The instructions of the associated installation manual and safety manual shall be considered.

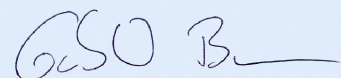
Valid until 2028-01-25

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1255.01/23 dated 2023-01-16.
This certificate is valid only for products which are identical with the product tested.

TÜV Rheinland Industrie Service GmbH
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Köln, 2023-01-25

Certification Body Safety & Security for Automation & Grid


Dipl.-Ing. Gebhard Bouwer