

# Certificate



**No.: 968/FSP 1011.00/14**

**Product tested** Coupling module for energize to trip applications  
**Certificate holder** Phoenix Contact GmbH & Co. KG  
 Flachsmarktstr. 8  
 32825 Blomberg  
 Germany

**Type designation** PSR-PC50-1NC-1DO-24DC-SC,  
 PSR-PC50-1NC-1DO-24DC-SP

**Codes and standards** IEC 61508 Parts 1-2 and 4-7:2010 EN 50178:1997 (in extracts)  
 IEC 61511-1:2003 + Corr. 1:2004 (in extracts)

**Intended application** Module to safely switch-on of a load. The PC50 module complies with the requirements of the relevant standards (SIL 3 acc. IEC 61508) and can be used in low demand mode applications up to SIL 3 acc. to IEC 61508 / IEC 61511 provided that the specific requirements mentioned below are fulfilled:

**Specific requirements** The instructions of the associated Installation and Operating Manual shall be considered. A compatible safety controller shall be used in order to fulfill the requirements regarding diagnostic coverage. A list of such devices can be obtained from the product datasheet. Therefore the particular instructions given in the associated user manual regarding the implementation of the diagnostic function in the application program shall be considered. However the Certification Body shall not be responsible for the validity of the listed controller device.

Valid until 2019-08-08

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1011.00/14 dated 2014-08-08.

This certificate is valid only for products which are identical with the product tested. It becomes invalid at any change of the codes and standards forming the basis of testing for the intended application.

**TÜV Rheinland Industrie Service GmbH**

Bereich Automation

Funktionale Sicherheit

Am Grauen Stein, 51105 Köln

Köln, 2014-08-08

Certification Body for FS-Products

  
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