

Certificate



No.: 968/CSP 1043.00/25

Product tested	Industrial Ethernet Switch	Certificate holder	Phoenix Contact GmbH & Co. KG Flachsmarktstr. 8 32825 Blomberg Germany
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Type designation	FL SWITCH 2000 product family
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Codes and standards	IEC 62443-4-2:2019 (Edition 1.0)
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Intended application	The FL SWITCH 2000 product family fulfills the requirements for Network Devices according to IEC 62443-4-2:2019 (Edition 1.0) standard as detailed on the second page of the certificate.
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The FL SWITCH 2000 product family has been developed and is maintained according to the Secure Product Development Lifecycle of the manufacturer based on the requirements of IEC 62443-4-1:2018 (Edition 1.0) standard.

Specific requirements	The FL SWITCH 2000 product family is only valid in the dedicated security context as documented in the user manuals. The instructions of the associated user manuals released by manufacturer must be considered. The current versions of the product are specified in the currently valid Revision List. The Revision List is released by the manufacturer in cooperation with the certification body.
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Valid until 2030-10-10

The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT CS1 V3.0:2021 in its actual version, whose results are documented in Report No. 968/CSP 1043.00/25 dated 2025-10-07. This certificate is valid only for products, which are identical with the product tested. Issued by the certification body accredited by DAkkS according to DIN EN ISO/IEC 17065. The accreditation is only valid for the scope listed in the annex to the accreditation certificate D-ZE-11052-02-03.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit
Am Grauen Stein, 51105 Köln

Köln, 2025-10-10

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. (FH) Sergei Biberdorf

www.fs-products.com
www.tuv.com



Security Level - Capability

FR 1 – Identification and authentication control		
CR	SL-C	Type
1.1	2	Supported
1.2	-	Not Selected
1.3	2	Supported
1.4	2	Supported
1.5	2	Supported
1.6	-	N/A
1.7	2	Supported
1.8	-	N/A
1.9	-	Not Selected
1.10	2	Supported
1.11	2	Supported
1.12	2	Supported
1.13	-	N/A
1.14	2	Supported

FR 2 – Use control		
CR	SL-C	Type
2.1	2	Supported
2.2	-	N/A
2.3	-	N/A
2.4	-	N/A
2.5	2	Supported
2.6	2	Supported
2.7	-	N/A
2.8	2	Supported
2.9	2	Supported
2.10	2	Supported
2.11	2	Supported
2.12	1	Supported
2.13	2	Allocated

FR 3 – System integrity		
CR	SL-C	Type
3.1	2	Supported
3.2	2	Supported
3.3	2	Allocated
3.4	2	Supported
3.5	2	Supported
3.6	-	N/A
3.7	2	Supported
3.8	2	Supported
3.9	2	Supported
3.10	2	Supported
3.11	2	Allocated
3.12	2	Supported
3.13	2	Supported
3.14	1	Supported

FR 4 – Data confidentiality		
CR	SL-C	Type
4.1	2	Supported
4.2	2	Supported
4.3	2	Supported

FR 5 – Restricted data flow		
CR	SL-C	Type
5.1	2	Supported
5.2	-	N/A
5.3	-	N/A
5.4	-	N/A

FR 6 – Timely response to events		
CR	SL-C	Type
6.1	2	Supported
6.2	2	Allocated

FR 7 – Resource availability		
CR	SL-C	Type
7.1	-	N/A
7.2	2	Supported
7.3	2	Supported
7.4	2	Supported
7.5	2	Supported
7.6	2	Supported
7.7	2	Supported
7.8	2	Supported

Legend:

Supported	The capability is supported by the component itself.
Allocated	The capability can be met with the assistance of a compensating countermeasure that is external to the component. The user guidelines describe the appropriate countermeasures which shall be applied on system level to allow the capability to be met when the component is integrated into a system.
Not Selected	The capability is not selected, since it is not required for a lower security level.
N/A	The required functionality is not applicable for the component.

Security related modules / components

Type Designation	Description	HW Revision	SW Revision	Report-No.:	Certification Status
2702323 FL SWITCH 2005	Managed Industrial Ethernet Switch, 5 x RJ45 10/100 MBit/s, basic feature set	07	3.47.x	968/CSP 1043.00/25	Valid
2702324 FL SWITCH 2008	Managed Industrial Ethernet Switch, 8 x RJ45 10/100 MBit/s, basic feature set	08	3.47.x	968/CSP 1043.00/25	Valid
1106707 FL SWITCH 2008F	Managed Industrial Ethernet Switch, 8 x RJ45 10/100 MBit/s, flat housing, basic feature set	02	3.47.x	968/CSP 1043.00/25	Valid
2702903 FL SWITCH 2016	Managed Industrial Ethernet Switch, 16 x RJ45 10/100 MBit/s, basic feature set	06	3.47.x	968/CSP 1043.00/25	Valid
2702665 FL SWITCH 2105	Managed Industrial Ethernet Switch, 5 x RJ45 10/100/1000 MBit/s, basic feature set	06	3.47.x	968/CSP 1043.00/25	Valid
2702666 FL SWITCH 2108	Managed Industrial Ethernet Switch, 8 x RJ45 10/100/1000 MBit/s, basic feature set	07	3.47.x	968/CSP 1043.00/25	Valid
2702908 FL SWITCH 2116	Managed Industrial Ethernet Switch, 16 x RJ45 10/100/1000 MBit/s, basic feature set	05	3.47.x	968/CSP 1043.00/25	Valid
2702326 FL SWITCH 2205	Managed Industrial Ethernet Switch, 5 x RJ45 10/100 MBit/s	05	3.47.x	968/CSP 1043.00/25	Valid
2702327 FL SWITCH 2208	Managed Industrial Ethernet Switch, 8 x RJ45 10/100 MBit/s	05	3.47.x	968/CSP 1043.00/25	Valid
1095627 FL SWITCH 2208C	Managed Industrial Ethernet Switch, 8 x RJ45 10/100 MBit/s, conformal coating	03	3.47.x	968/CSP 1043.00/25	Valid

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Type Designation	Description	HW Revision	SW Revision	Report-No.:	Certification Status
1044024 FL SWITCH 2208 PN	Managed Industrial Ethernet Switch, 8 x RJ45 10/100 MBit/s, PROFINET preconfiguration	05	3.47.x	968/CSP 1043.00/25	Valid
2702328 FL SWITCH 2207-FX	Managed Industrial Ethernet Switch, 7 x RJ45 10/100 MBit/s, 1 x SC-D multimode 100 MBit/s	05	3.47.x	968/CSP 1043.00/25	Valid
2702329 FL SWITCH 2207-FX SM	Managed Industrial Ethernet Switch, 7 x RJ45 10/100 MBit/s, 1 x SC-D singlemode 100 MBit/s	05	3.47.x	968/CSP 1043.00/25	Valid
2702330 FL SWITCH 2206-2FX	Managed Industrial Ethernet Switch, 6 x RJ45 10/100 MBit/s, 2 x SC-D multimode 100 MBit/s	05	3.47.x	968/CSP 1043.00/25	Valid
1095628 FL SWITCH 2206C-2FX	Managed Industrial Ethernet Switch, 6 x RJ45 10/100 MBit/s, 2 x SC-D multimode 100 MBit/s, conformal coating	03	3.47.x	968/CSP 1043.00/25	Valid
2702331 FL SWITCH 2206-2FX SM	Managed Industrial Ethernet Switch, 6 x RJ45 10/100 MBit/s, 2 x SC-D singlemode 100 MBit/s	05	3.47.x	968/CSP 1043.00/25	Valid
2702332 FL SWITCH 2206-2FX ST	Managed Industrial Ethernet Switch, 6 x RJ45 10/100 MBit/s, 2 x ST-D multimode 100 MBit/s	05	3.47.x	968/CSP 1043.00/25	Valid
2702333 FL SWITCH 2206-2FX SM ST	Managed Industrial Ethernet Switch, 6 x RJ45 10/100 MBit/s, 2 x ST-D singlemode 100 MBit/s	05	3.47.x	968/CSP 1043.00/25	Valid
2702969 FL SWITCH 2206-2SFX	Managed Industrial Ethernet Switch, 6 x RJ45 10/100 MBit/s, 2 x SFP 100 MBit/s	05	3.47.x	968/CSP 1043.00/25	Valid
1044028 FL SWITCH 2206-2SFX PN	Managed Industrial Ethernet Switch, 6 x RJ45 10/100 MBit/s, 2 x SFP 100 MBit/s, PROFINET preconfiguration	04	3.47.x	968/CSP 1043.00/25	Valid

Type Designation	Description	HW Revision	SW Revision	Report-No.:	Certification Status
2702334 FL SWITCH 2204-2TC-2SFX	Managed Industrial Ethernet Switch, 4 x RJ45 10/100 MBit/s, 2 x SFP 100 MBit/s, 2 x Combo 100 MBit/s	06	3.47.x	968/CSP 1043.00/25	Valid
2702904 FL SWITCH 2216	Managed Industrial Ethernet Switch, 16 x RJ45 10/100 MBit/s	05	3.47.x	968/CSP 1043.00/25	Valid
1044029 FL SWITCH 2216 PN	Managed Industrial Ethernet Switch, 16 x RJ45 10/100 MBit/s, PROFINET preconfiguration	05	3.47.x	968/CSP 1043.00/25	Valid
2702905 FL SWITCH 2214-2FX	Managed Industrial Ethernet Switch, 14 x RJ45 10/100 MBit/s, 2 x SC-D multimode 100 MBit/s	05	3.47.x	968/CSP 1043.00/25	Valid
2702906 FL SWITCH 2214-2FX SM	Managed Industrial Ethernet Switch, 14 x RJ45 10/100 MBit/s, 2 x SC-D singlemode 100 MBit/s	05	3.47.x	968/CSP 1043.00/25	Valid
1006188 FL SWITCH 2214-2SFX	Managed Industrial Ethernet Switch, 14 x RJ45 10/100 MBit/s, 2 x SFP 100 MBit/s	05	3.47.x	968/CSP 1043.00/25	Valid
1044030 FL SWITCH 2214-2SFX PN	Managed Industrial Ethernet Switch, 14 x RJ45 10/100 MBit/s, 2 x SFP 100 MBit/s, PROFINET preconfiguration	05	3.47.x	968/CSP 1043.00/25	Valid
2702907 FL SWITCH 2212-2TC-2SFX	Managed Industrial Ethernet Switch, 12 x RJ45 10/100 MBit/s, 2 x SFP 100 MBit/s, 2 x Combo 100 MBit/s	05	3.47.x	968/CSP 1043.00/25	Valid
2702652 FL SWITCH 2308	Managed Industrial Ethernet Switch, 8 x RJ45 10/100/1000 MBit/s	06	3.47.x	968/CSP 1043.00/25	Valid
1009220 FL SWITCH 2308 PN	Managed Industrial Ethernet Switch, 8 x RJ45 10/100/1000 MBit/s, PROFINET preconfiguration	04	3.47.x	968/CSP 1043.00/25	Valid
2702970 FL SWITCH 2306-2SFP	Managed Industrial Ethernet Switch, 6 x RJ45 10/100/1000 MBit/s, 2 x SFP 100/1000 MBit/s	07	3.47.x	968/CSP 1043.00/25	Valid

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Type Designation	Description	HW Revision	SW Revision	Report-No.:	Certification Status
1009222 FL SWITCH 2306-2SFP PN	Managed Industrial Ethernet Switch, 6 x RJ45 10/100/1000 MBit/s, 2 x SFP 100/1000 MBit/s, PROFINET preconfiguration	04	3.47.x	968/CSP 1043.00/25	Valid
2702653 FL SWITCH 2304-2GC-2SFP	Managed Industrial Ethernet Switch, 4 x RJ45 10/100/1000 MBit/s, 2 x SFP 100/1000 MBit/s, 2 x Combo 100/1000 MBit/s	05	3.47.x	968/CSP 1043.00/25	Valid
2702909 FL SWITCH 2316	Managed Industrial Ethernet Switch, 16 x RJ45 10/100/1000 MBit/s	04	3.47.x	968/CSP 1043.00/25	Valid
1031673 FL SWITCH 2316 PN	Managed Industrial Ethernet Switch, 16 x RJ45 10/100/1000 MBit/s, PROFINET preconfiguration	04	3.47.x	968/CSP 1043.00/25	Valid
1006191 FL SWITCH 2314-2SFP	Managed Industrial Ethernet Switch, 14 x RJ45 10/100/1000 MBit/s, 2 x SFP 100/1000 MBit/s	04	3.47.x	968/CSP 1043.00/25	Valid
1031683 FL SWITCH 2314-2SFP PN	Managed Industrial Ethernet Switch, 14 x RJ45 10/100/1000 MBit/s, 2 x SFP 100/1000 MBit/s, PROFINET preconfiguration	04	3.47.x	968/CSP 1043.00/25	Valid
2702910 FL SWITCH 2312-2GC-2SFP	Managed Industrial Ethernet Switch, 12 x RJ45 10/100/1000 MBit/s, 2 x SFP 100/1000 MBit/s, 2 x Combo 100/1000 MBit/s	05	3.47.x	968/CSP 1043.00/25	Valid
1278397 FL SWITCH 2303-8SP1	Managed Industrial Ethernet Switch, 3 x RJ45 10/100/1000 MBit/s, 8 x SPE 10BASE T1L	04	3.47.x	968/CSP 1043.00/25	Valid
1043412 FL SWITCH 2408	Managed Industrial Ethernet Switch, 8 x RJ45 10/100 MBit/s, flat housing	03	3.47.x	968/CSP 1043.00/25	Valid
1089133 FL SWITCH 2408 PN	Managed Industrial Ethernet Switch, 8 x RJ45 10/100 MBit/s, flat housing, PROFINET preconfiguration	03	3.47.x	968/CSP 1043.00/25	Valid

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1043416 FL SWITCH 2416	Managed Industrial Ethernet Switch, 16 x RJ45 10/100 MBit/s, flat housing	02	3.47.x	968/CSP 1043.00/25	Valid
1043423 FL SWITCH 2414-2SFX	Managed Industrial Ethernet Switch, 14 x RJ45 10/100 MBit/s, 2 x SFP 100 MBit/s, flat housing	02	3.47.x	968/CSP 1043.00/25	Valid
1043484 FL SWITCH 2508	Managed Industrial Ethernet Switch, 8 x RJ45 10/100/1000 MBit/s, flat housing	03	3.47.x	968/CSP 1043.00/25	Valid
1089134 FL SWITCH 2508 PN	Managed Industrial Ethernet Switch, 8 x RJ45 10/100/1000 MBit/s, flat housing, PROFINET preconfiguration	03	3.47.x	968/CSP 1043.00/25	Valid
1043491 FL SWITCH 2506-2SFP	Managed Industrial Ethernet Switch, 6 x RJ45 10/100/1000 MBit/s, 2 x SFP 100/1000 MBit/s, flat housing	03	3.47.x	968/CSP 1043.00/25	Valid
1089135 FL SWITCH 2506-2SFP PN	Managed Industrial Ethernet Switch, 6 x RJ45 10/100/1000 MBit/s, 2 x SFP 100/1000 MBit/s, flat housing, PROFINET preconfiguration	03	3.47.x	968/CSP 1043.00/25	Valid
1088872 FL SWITCH 2504-2GC-2SFP	Managed Industrial Ethernet Switch, 4 x RJ45 10/100/1000 MBit/s, 2 x SFP 100/1000 MBit/s, 2 x Combo 100/1000 MBit/s, flat housing	03	3.47.x	968/CSP 1043.00/25	Valid
1043496 FL SWITCH 2516	Managed Industrial Ethernet Switch, 16 x RJ45 10/100/1000 MBit/s, flat housing	02	3.47.x	968/CSP 1043.00/25	Valid
1089205 FL SWITCH 2516 PN	Managed Industrial Ethernet Switch, 16 x RJ45 10/100/1000 MBit/s, flat housing, PROFINET preconfiguration	02	3.47.x	968/CSP 1043.00/25	Valid

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1043499 FL SWITCH 2514-2SFP	Managed Industrial Ethernet Switch, 14 x RJ45 10/100/1000 MBit/s, 2 x SFP 100/1000 MBit/s, flat housing	02	3.47.x	968/CSP 1043.00/25	Valid
1106500 FL SWITCH 2608	Managed Industrial Ethernet Switch, 8 x M12 10/100 MBit/s, IP67 housing	03	3.47.x	968/CSP 1043.00/25	Valid
1106616 FL SWITCH 2608 PN	Managed Industrial Ethernet Switch, 8 x M12 10/100 MBit/s, IP67 housing, PROFINET preconfiguration	03	3.47.x	968/CSP 1043.00/25	Valid
1106615 FL SWITCH 2708	Managed Industrial Ethernet Switch, 8 x M12 10/100/1000 MBit/s, IP67 housing	03	3.47.x	968/CSP 1043.00/25	Valid
1106610 FL SWITCH 2708 PN	Managed Industrial Ethernet Switch, 8 x M12 10/100/1000 MBit/s, IP67 housing, PROFINET preconfiguration	03	3.47.x	968/CSP 1043.00/25	Valid
2702881 FL NAT 2008	Managed Industrial Ethernet NAT Switch, 8 x RJ45 10/100 MBit/s, no usage at zone boundary allowed	04	3.47.x	968/CSP 1043.00/25	Valid
2702882 FL NAT 2208	Managed Industrial Ethernet NAT Switch, 8 x RJ45 10/100 MBit/s, no usage at zone boundary allowed	03	3.47.x	968/CSP 1043.00/25	Valid
2702981 FL NAT 2304-2GC-2SFP	Managed Industrial Ethernet NAT Switch, 4 x RJ45 10/100/1000 MBit/s, 2 x SFP 100/1000 MBit/s, 2 x Combo 100/1000 MBit/s, no usage at zone boundary allowed	03	3.47.x	968/CSP 1043.00/25	Valid
1215350 FL SWITCH 2508/K1	Managed Industrial Ethernet Switch, 8 x RJ45 10/100/1000 MBit/s, flat housing, customer specific preconfiguration	01	3.47.x	968/CSP 1043.00/25	Valid

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Type Designation	Description	HW Revision	SW Revision	Report-No.:	Certification Status
1215329 FL SWITCH 2506-2SFP/K1	Managed Industrial Ethernet Switch, 6 x RJ45 10/100/1000 MBit/s, 2 x SFP 100/1000 MBit/s, flat housing, customer specific preconfiguration	01	3.47.x	968/CSP 1043.00/25	Valid
1184084 FL SWITCH 2316/K1	Managed Industrial Ethernet Switch, 16 x RJ45 10/100/1000 MBit/s, customer specific preconfiguration	02	3.47.x	968/CSP 1043.00/25	Valid

Security Manual / User documentation

Document No.	Description	Report-No.:	Certification Status
111804	um_de/en_sw_fl_switch_2000_iec_62443	968/CSP 1043.00/25	Valid

The content of this Revision List has been agreed between Manufacturer and Certification Body.

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To be informed about the latest product-related security notification the cybersecurity support portal "phoenixcontact.com/psirt" of product manufacturer shall be visited periodically.

Revision:

Date	Rev.	Description / Changes	Author
2025-10-07	1.0	Initial creation, based on Report-No.: 968/CSP 1043.00/25	Ti/A-FS&CS

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