



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

6GK1 Series. SIMATIC Network Components.

NI/I/2/ABCD/T*; See Tambient Column

NI/I/2/IIC/T**; See Tambient Column

Model No.	Description	T-Code*	T-Code**	Lower Tambient	Upper Tambient
6GK 1503-2CA00	Optical Link Module OLM / P11	T4	T4	0°C	60 °C
6GK 1503-2CB00	Optical Link Module OLM / G11	T4	T4	0°C	60 °C
6GK 1503-2CC00	Optical Link Module OLM / G11-1300	T4	T4	0°C	60 °C
6GK 1503-3CA00	Optical Link Module OLM / P12	T4	T4	0°C	60 °C
6GK 1503-3CB00	Optical Link Module OLM / G12	T4	T4	0°C	60 °C
6GK 1503-3CC00	Optical Link Module OLM / G12-1300	T4	T4	0°C	60 °C
6GK 1503-3CD00	Optical Link Module OLM / G12-EEC	T4	T4	-20°C	60 °C
6GK 1503-4CA00	Optical Link Module OLM / P22	T4	T4	0°C	60 °C
6GK 1503-4CB00	Optical Link Module OLM / G22	T4	T4	0°C	60 °C

Special Conditions of Use:

1. Shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application, including a tool removable cover.



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6GK5 Series. SIMATIC Network Components.

NI/II/2/ABCD/T*; -10 °C ≤ Ta ≤ +60 °C

NI/II/2/IIC/T**; -10 °C ≤ Ta ≤ +60 °C

Model No.	Description	T-Code*	T-Code**	Tambient
6GK5 004-1BD00-a	Ethernet Switching Scalance Module XB004-1	T4	T4	60 °C
6GK5 004-1BF00-a	Ethernet Switching Scalance Module XB004-1LD	T4	T4	60 °C
6GK5 004-1GL00-a	Ethernet Switching Scalance Module XB004-1G	T4	T4	60 °C
6GK5 004-1GM00-a	Ethernet Switching Scalance Module XB004-1LDG	T4	T4	60 °C
6GK5 005-0BA00-a	Ethernet Switching Scalance Module XB005	T4	T4	60 °C
6GK5 005-0GA00-a	Ethernet Switching Scalance Module XB005G	T4	T4	60 °C
6GK5 008-0BA00-a	Ethernet Switching Scalance Module XB008	T4	T4	60 °C
6GK5 008-0GA00-a	Ethernet Switching Scalance Module XB008G	T4	T4	60 °C

a = Options not affecting safety, any 2 or 4 digit letter or number referring to non-electrical properties as product associates, language, delivery packing, documentation, etc.

Special Conditions of Use:

1. Shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application, including a tool removable cover.

6GK7 Series. SIMATIC Network Components.

NI/II/2/ABCD/T*; 0 °C ≤ Ta ≤ +60 °C

NI/II/2/IIC/T**; 0 °C ≤ Ta ≤ +60 °C

Model No.	Description	T-Code*	T-Code**	Tambient
6GK7 277-1AA10-a	Ethernet Switching Module CSM 1277	T4	T4	60 °C
6GK7 377-1AA00-a	Ethernet Switching Module CSM 377	T4A	T4	60 °C

a = Options not affecting safety, any 2 or 4 digit letter or number referring to non-electrical properties as product associates, language, delivery packing, documentation, etc.

Special Conditions of Use:

1. Shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application, including a tool removable cover.

Equipment Ratings:

Nonincendive for Class I, Division 2, Groups A, B, C, and D & Class I, Division 2, Group IIC Hazardous (Classified) Locations

FM Approved for:

Siemens AG – I IA
Karlsruhe, Germany



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This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	1998
Class 3611	2004
Class 3810	2005
ANSI/ISA 61010-1	2004

Original Project ID: 3029393

Approval Granted: March 26, 2007

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
080215	February 22, 2008		
3032236	March 3, 2008		
3035267	March 5, 2009		
3036579	June 17, 2009		
100909	September 27, 2010		
111026	November 22, 2011		

FM Approvals LLC

J.E. Marquedant
Group Manager, Electrical

22 November 2011

Date