



FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

Simatic S7-1500 System Modules.

NI/I/2/ABCD/T*; 0 °C ≤ Ta ≤ See Tambient Column

NI/I/2/IIC/T**; 0 °C ≤ Ta ≤ See Tambient Column

<u>Model No.</u>	<u>Description</u>	T-Code*	T-Code**	Tambient
6GK7542-5DX00-0XE0	CM1542-5 (Communication Module)	T4	T4	+60 °C
6GK7542-5FX00-0XE0	CP1542-5Lean (Communication Processor)	T4	T4	+60 °C
6GK7543-1AX00-0XE0	CP1543-1 (Communication Processor)	T4	T4	+60 °C

Special Conditions of Use:

1. *The modules shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application, including a tool removable cover.*
2. *The maximum ambient temperature is reduced to +40 °C when mounted vertically.*

To assure that this Approval is still valid, please refer to www.approvalguide.com

Equipment Ratings:

Nonincendive Apparatus for use in Class I, Division 2, Groups A, B, C & D; Nonincendive for use in Class I, Zone 2, Group IIC hazardous (classified) locations

FM Approved for:

Siemens AG – I IA CE SE R&D EMC 3
Östliche Rheinbrückenstraße 50
D-76187 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	2011
Class 3611	2004
Class 3810	2005
ANSI/ISA 61010-1	2004

Original Project ID: 3047741

Approval Granted: December 4, 2012

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3049847	August 5, 2013		

FM Approvals LLC



J. E. Marquedant
Group Manager, Electrical

5 August 2013
Date

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