FM Approvals
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:

6ES7 Series. Profibus Connector Modules for the Programmable Controller System.
NI/I/2/ABCD/T*
NI/I/2/IIC/T**

Model No.	Description	T-Code*	T-Code**	Tambient
6ES7 972-0BA12-a	*Profibus Connector 12 MBd 90° Cable Connection (w/ Screw Terminal)*	T6	T6	60 °C
6ES7 972-0BA30-a	*Profibus Connector 1.5 MBd 30° Cable Connection (w/ Insulation Piercing Connection)*	T6	T6	60 °C
6ES7 972-0BA41-a	*Profibus Connector 12 MBd 35° Cable Connection (w/ Screw Terminal)*	T6	T6	60 °C
6ES7 972-0BA42-a	*Profibus Connector 12 MBd 35° Cable Connection (w/ Screw Terminal)*	T6	T6	60 °C
6ES7 972-0BA50-a	*Profibus Connector 12 MBd 90° Cable Connection (w/ Insulation Piercing Connection)*	T6	T6	60 °C
6ES7 972-0BA51-a	*Profibus Connector 12 MBd 90° Cable Connection (w/ Insulation Piercing Connection)*	T6	T6	60 °C
6ES7 972-0BA52-a	*Profibus Connector 12 MBd 90° Cable Connection (w/ Insulation Piercing Connection)*	T6	T6	60 °C
6ES7 972-0BA60-a	*Profibus Connector 12 MBd 35° Cable Connection (Fast Connect)*	T6	T6	60 °C
6ES7 972-0BB12-a	*Profibus Connector w/ PG-Socket 12 MBd 90° Cable Connection (w/ Screw Terminal)*	T6	T6	60 °C
6ES7 972-0BB41-a	*Profibus Connector w/ PG-Socket 12 MBd 35° Cable Connection (w/ Screw Terminal)*	T6	T6	60 °C
6ES7 972-0BB42-a	*Profibus Connector w/ PG-Socket 12 MBd 35° Cable Connection (w/ Screw Terminal)*	T6	T6	60 °C

Model No.	Description	T-Code*	T-Code**	Tambient
6ES7 972-0BB50-a	***Profibus Connector w/ PG-Socket 12 MBd 90° Cable Connection (w/ Insulation Piercing Connection)***	T6	T6	60 °C
6ES7 972-0BB51-a	***Profibus Connector w/ PG-socket 12 MBd 90° Cable Connection (w/ Insulation Piercing Connection)***	T6	T6	60 °C
6ES7 972-0BB52-a	***Profibus Connector w/ PG-Socket 12 MBd 90° Cable Connection (w/ Insulation Piercing Connection)***	T6	T6	60 °C
6ES7 972-0BB60-a	***Profibus Connector w/ PG-Socket 12 MBd 35° Cable Connection (Fast Connect)***	T6	T6	60 °C
6ES7 972-0DA30-a	***Profibus Connector 1.5 MBd 30° Cable Connection (w/ Terminal Resistor)***	T6	T6	60 °C
6GK1 500-0FC10	***Profibus Connector 12 MBd 180° Cable Connection (Fast connect)***	T6	T6	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 w/ the enclosure, mounting, spacing and segregation requirements of the ultimate application, including a tool removable cover.*

Equipment Ratings:

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

FM Approved for:

Siemens AG – I IA AS RD ST Type Test
Amberg, 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

Original Project ID: 3028817 Approval Granted: February 9, 2007

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
080507	May 16, 2008		
081028	November 13, 2008		
100331	April 9, 2010		

FM Approvals LLC

J. E. Marquedant
Group Manager, Electrical

9 April 2010
Date