



Product Alert - Product Safety Notification Related to a Product Recall

May 6, 2020

Type of Notification: Product Safety Notification

FM Approvals has been notified by Siemens AG of a safety related product recall involving FM Approved Digital Output Modules for the SIMATIC ET 200SP System.

Company Identity: Siemens AG – DI FA AS

Address: Werner Von Siemensstr 50, Amberg, D-92224 Germany

Contact Information: Siemens AG – SIMATIC Type Test

Phone: +49 9621 80-5604, Email: stefan.bachl@siemens.com

Phone: +49 9621 80-3033, Email: alois.gresser@siemens.com

Product Identity: SIMATIC ET 200SP System, DQ 4x24..230VAC/2A HF

Description: 4-Channel Digital Output 24-230VAC High Feature Module

Make/Model: 6ES7 132-6FD00-0CU0

FM Approval Status: FM Approved

Hazard Involved: Siemens AG has issued a safety related product recall involving the SIMATIC ET 200SP System, Model No. 6ES7 132-6FD00-0CU0 manufactured from February 9, 2018 - January 23, 2020.

This recall is due to the creepage and clearance spacings not meeting the requirements of standards when used in altitudes between 2,000 and 3,000 meters. Dielectric testing at higher voltages has resulted in arcing, which when installed in a Division 2 or Zone 2 Hazardous Location can result in explosion. Modules manufactured after February 20, 2020 have the spacings on the PCB corrected and meet the requirements of the Nonincendive and Ordinary Location standards.

Please read the attached for a complete description of the potential hazard and any actions that must be taken by end users of these products. The attached notice was sent to all customers who have units covered under this product safety notification.

If you suspect you are in possession of the subject modules bearing the FM Approvals certification marking, please bring that to the attention of:

Antonio L. Pires

FM Approvals, Quality Department

Norwood, MA, USA

+1 (1)781 255 4825

Email: Antonio.pires@fmapprovals.com

F 900/Rev. 0

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Customer information

<Company>
<Department><Function>
<Contact>
<Street>
<ZIP> <City>
<Country>

Name < Name >
Department < Department >
Telephone < Telephone number >
Mobile < Mobile phone number >
E-mail < Email address >
Our reference FA-CHEL-00004
Date <Date>
Document protection class Unrestricted

Important Safety Notice

**SIMATIC ET 200SP, digital output module, DQ 4x 24..230V AC/2A HF
6ES7132-6FD00-0CU0**

The DQ module did not comply with normative requirements regarding safe electrical separation. As a result, contact with dangerous voltage can occur in individual cases in the present customer installation. This can result in damage to equipment and personal injury.

Dear Sir/Madam,

In an internal technical inspection, we established that the products with the designation **SIMATIC ET 200SP, digital output module, DQ 4x 24..230V AC/2A HF** do not conform to the usual Siemens quality requirements. According to our delivery notes, you have received one or more of these products.

In order to avoid danger to the product user, which can lead to contact with a dangerous voltage, we offer to exchange the affected products free of charge.

The comments below contain all the information that you will need in this regard.

Please return the enclosed "Customer letter of confirmation" as soon as possible.
If you do not use the products yourself but have sold them to third parties, we request that you inform your customer and/or end user of the product with this letter.

Company data according Siemens Corporate Forms (SCF)

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1. Affected product

Between February 2018 and December 2019 delivered products with the following article number/function state are affected:

Article number	Type	Function State
6ES7132-6FD00-0CU0	DQ 4x 24...230V AC/2A HF	FS01, FS02, FS03

The function state of each product can be found on the packaging sticker and on the front side of the module (see [Annex 1](#) "Identifying the function state").

2. Description of risk

The DQ module did not comply with normative requirements regarding safe electrical separation. As a result, contacts with dangerous voltage can occur in individual cases in the customer installation. This can result in damage to equipment and personal injury.

3. Measures to be taken

Affected modules must be replaced. Please contact your local Siemens sales partner to clarify any questions you may have about the exchange.

<Samples Germany (RC DE)>

a) To order replacement products, please use the enclosed order form ([Annex 3](#)) and the return delivery note ([Annex 4](#)) and send these duly completed to:

b) To return the related products please use the enclosed form „return delivery note“ and send these duly completed to:

Siemens AG
c/o Geis Industrie-Service GmbH
Kraftwerkstraße 25a
91056 Erlangen
Deutschland

c) To order replacement products, please contact the Retouren-Center Fürth: +49 911 895 7448.

When dismantling and assembling the products, please observe the instructions given in [Annex 1](#) (Identifying the function state).

4. Contact addresses for queries

For technical queries regarding this quality information, please contact:

Contact: Technical Support – Customer Care Center
Tel.: +49 911 895 7222
Support Request: <https://siemens.com/supportrequest/>

Company data according Siemens Corporate Forms (SCF)

ASE46481269AJ001

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For queries regarding delivery / return, please contact:

Contact: Technical Assistance / Technical Support/ ...
Tel.: XXX
E-mail: XXXX

For queries regarding on-site service, please contact:

Contact: Technical Assistance / Technical Support/ ...
Tel.: XXX
E-mail: XXXX

We very much regret this occurrence but would at the same time like to make it clear through this action that we will stand by our quality commitments and fulfill the high-quality expectations of our customers and that safety is of paramount importance to us.

Best regards,

Annexes:

- Annex 1: Identifying the function state / Instructions for device replacement
- Annex 2: Customer letter of confirmation
- Annex 3: Order form
- Annex 4: Return delivery note

.....
[Last name, first name]
[Function]

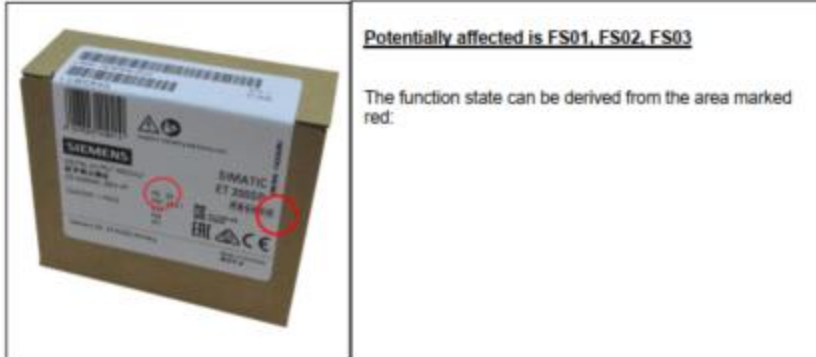
<Observe signature rules>

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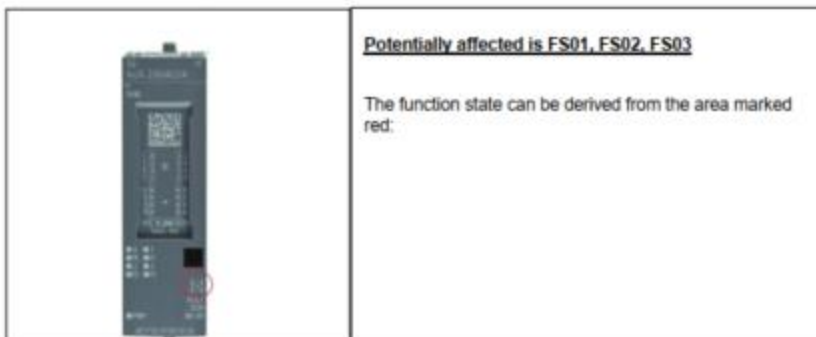
Annex 1:

1. Identifying the function state

The function state can be found on the packaging label



The function state is also printed on the front side of the module



2. Instructions for device replacement

Please note the instructions in the SIMATIC ET 200SP Distributed I/O system manual (Ch. 12). This information can be found on our website:
<https://support.industry.siemens.com/cs/ww/en/view/58649293>

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Annex 2: Customer letter of confirmation

Siemens AG
<Department>
<Contact>
<Street>
<Country> <ZIP> <City>

Tel.: < Telephone number of the regional office >
Fax: < FAX number of the regional office >
E-mail: email-region@siemens.com

Confirmation of receipt of Important Safety Notice

SIMATIC ET 200SP, digital output module, DQ 4x 24..230V AC/2A HF
6ES7132-6FD00-0CU0

The DQ module did not comply with normative requirements regarding safe electrical separation. As a result, contact with dangerous voltage can occur in individual cases in the present customer installation. This can result in damage to equipment and personal injury.

Dear <contact>.

We hereby confirm that we have taken note of your cover letter dated **XX: XX: XXXX** about the above mentioned topic and have informed other potential customers about the facts.

Company

Place, date

Signature

Name

Company data according Siemens Corporate Forms (SCF)

ASE48451289A001