

7PG23 5B3

Restricted Earth Fault

Document Release History

This document is issue 02/2010. The list of revisions up to and including this issue is:

Pre release

02/2010	Document reformat due to rebrand

Software Revision History

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1. Mechanical Inspection

Inspect the relay for dust and dirty or tarnished contacts. Use a blower to remove dust, and if necessary clean the contacts using a stiff brush dipped in a suitable substance.

2. Test Intervals

The maintenance tests required will largely depend upon experience and site conditions, but as a general rule it is recommended that the following inspection and tests are performed every twelve months.

- Mechanical Inspection
- Check of Connections
- Insulation Resistance Test
- Fault Setting Tests by Secondary Injection
- Tests using Load Current
- Check the continuity of the neutral CT loop with a bell test set or an ohmmeter

3. Defect Report Form

Form sheet for repairs and returned goods (fields marked with * are mandatory fields)

Sender:

* Name, first name:	Complete phone number (incl. country code):	Complete fax number (incl. country code):
Email address:	* Org-ID and GBK reference:	* AWW:

* Order-/ reference-no (choosing at least 1 option):

Order-no for repair:	order-/ delivery note-no for return of commission failure:	Beginning order-no for credit note demand:
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Information concerning the product and its use:

* Order Code (MLFB):	Firmware version:	* Serial number:	
* Customer:	Product was in use approximately since:	Station/project:	Hotline Input no.:
Customer original purchase order number:	Delivery note number with position number:	Manufacturer:	

* Type of order (choosing at least 1 option):

<input type="checkbox"/> Repair	<input type="checkbox"/> Return of commission failure	<input type="checkbox"/> Credit Note
<input type="checkbox"/> Upgrade / Modification to ...	<input type="checkbox"/> Warranty repair	<input type="checkbox"/> Quotation (not repair V4 and current products! See prices in PMD)
	<input type="checkbox"/> For collection	

Type of failure:

<input type="checkbox"/> Device or module does not start up	<input type="checkbox"/> Mechanical problem	<input type="checkbox"/> Overload
<input type="checkbox"/> Sporadic failure	<input type="checkbox"/> Knock sensitive	<input type="checkbox"/> Transport damage
<input type="checkbox"/> Permanent failure	<input type="checkbox"/> Temperature caused failure	<input type="checkbox"/> Failure after ca <input type="text"/> hrs in use
<input type="checkbox"/> Repeated breakdown	<input type="checkbox"/> Failure after firmware update	

Error description:

Display message:
(use separated sheet for more info)

<input type="checkbox"/> Active LED messages:																				
<input type="checkbox"/> Faulty Interface(s), which?	<input type="checkbox"/> Wrong measured value(s), which?	<input type="checkbox"/> Faulty input(s)/output(s), which?																		

* Detailed error description (please refer to other error reports or documentation if possible):

* Shall a firmware update be made during repair or mechanical upgrade of protective relays? (choosing at least 1 option)

Yes, to most recent version No Yes, actual parameters must be reusable

repair report:

Yes, standard report (free of charge) Yes, detailed report (charge: 400EUR)

Shipping address of the repaired/upgraded product:

Company, department _____

Name, first name _____

Street, number _____

Postcode, city, country _____

Date, Signature

Please contact the Siemens representative office in your country to obtain return instructions.

E D EA MF TCC 6 release from 11/2009