

7SG18 Solkor N

Numeric Differential Protection

Document Release History

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

2010/02	Document reformat due to rebrand

Software Revision History

19/04/2005	2646H80006R5	
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1 Maintenance Instructions

The relay is a maintenance free relay, with no user serviceable parts. During the life of the relay it should be checked for operation during the normal maintenance period for the site on which the product is installed. It is recommended the following tests are carried out:

- 1 Visual inspection of the metering display (every year)
- 2 Operation of output contacts (every 2 years)
- 3 Secondary injection of each element (every 5 years)

The revision of the relay software installed, may be found moving to the top of the menu structure to display the relay identifier and holding the [Cancel] and [Test/Reset] pushbuttons depressed or by selecting [Relay] [Information][Get System Information] in Reydisp Evolution. If the setting file for the relay is saved, open the .set file in Reydisp Evolution, clicking on the Info (*i*) tab at the top right hand corner of the "Settings Editor" window. The Software Revision should now be displayed in the "Settings Source Information" window.

2 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: V	* 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:

<input type="checkbox"/> 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)

<input type="checkbox"/> Yes, to most recent version	<input type="checkbox"/> No	<input type="checkbox"/> Yes, actual parameters must be reusable
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repair report:

<input type="checkbox"/> Yes, standard report (free of charge)	<input type="checkbox"/> Yes, detailed report (charge: 400EUR)
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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.

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