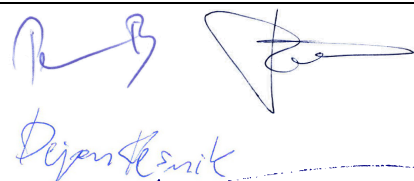
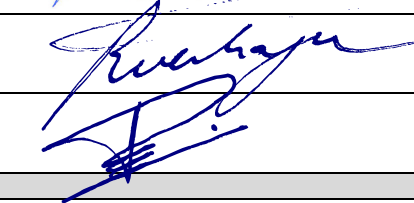





Test Report issued under the responsibility of:



TEST REPORT IEC 61009-1 Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) Part 1: General rules	
Report Number	2235007.50
Date of issue	2019-07-02
Total number of pages	160
Applicant's name	ETI Elektroelement d.o.o.
Address	Obrezija 5, SI-1411 Izlake, Slovenia
Test specification:	
Standard	IEC 61009-1:2010 (Third Edition) +A1:2012 +A2:2013 used in conjunction with IEC 61009-2-1:1991 (First Edition) or IEC 61009-2-2:1991 (First Edition)
Test procedure	CB Scheme
Non-standard test method.....	
Test Report Form No	IEC61009_1E
Test Report Form(s) Originator ...	OVE
Master TRF	Dated 2014-01
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This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.	
Test item description	Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs)
Trade Mark	ETI
Manufacturer	ETI Elektroelement d.o.o., Obrezija 5, SI-1411 Izlake, Slovenia
Model/Type reference	KZS-4M
Ratings	6 A, 10 A, 13 A, 16 A, 20 A, 25 A, 32 A; B, C; 30 mA, 100 mA, 300 mA, 500mA; Type A, AC (30mA); 400 V/415 V; 3p+N; $U_{imp} = 4 \text{ kV}$; $I_{cn} = 6000 \text{ A}$; $I_{\Delta m} = 4500 \text{ A}$; Energy limiting class: 3

Testing procedure and testing location:		
<input checked="" type="checkbox"/>	CB Testing Laboratory:	DEKRA Certification B.V.
Testing location/ address :		Meander 1051, 6825 MJ Arnhem, The Netherlands
<input type="checkbox"/>	Associated CB Testing Laboratory:	
Testing location/ address :		
Tested by (name + signature).....:		
Approved by (name + signature).....:		
<hr/>		
<input type="checkbox"/>	Testing procedure: TMP	
Testing location/ address :		
Tested by (name + signature).....:		
Approved by (name + signature).....:		
<hr/>		
<input checked="" type="checkbox"/>	Testing procedure: WMT	
Testing location/ address :		ETI Elektroelement d.d. , Obrezija 5, SI-1411 Izlake, Slovenia ICEM-TC , Celovška cesta 1, SI-2351 Kamnica, Slovenia SIQ Ljubljana, Varnost in elektromagnetika , Mašera-Spasičeva ulica 10, SI-1000 Ljubljana, Slovenia
Tested by (name + signature).....:		B. Pesan D. Resnik A. Petrušič 
Witnessed by (name + signature).....:		R.Verhagen 
Approved by (name + signature).....:		F.S. Strikwerda 
<hr/>		
<input type="checkbox"/>	Testing procedure: SMT	
Testing location/ address :		
Tested by (name + signature).....:		
Approved by (name + signature).....:		
Supervised by (name + signature) ..:		
<hr/>		

<p>List of Attachments (including a total number of pages in each attachment):</p> <p>European group differences and national differences test report: 77 pages EMC test report (issued by SIQ Slovenia): 60 pages</p>	
<p>Summary of testing:</p>	
<p>Tests performed (name of test and test clause):</p> <p>Type test according to IEC 61009-1:2010+A1:2012+A2:2013 / IEC 61009-1:2013 Ed. 3.2 (Simplified test procedure). For details see page 12.</p>	<p>Testing location:</p> <p>DEKRA Certification B.V. Meander 1051 6825 MJ, Arnhem The Netherlands</p> <p>ETI Elektroelement d.d. Obrezija 5 SI-1411 Izlake Slovenia</p> <p>ICEM-TC Celovška cesta 1 SI-2351 Kamnica Slovenia</p> <p>SIQ Ljubljana Varnost in elektromagnetika Mašera-Spasičeva ulica 10 SI-1000 Ljubljana Slovenia</p>
<p>Summary of compliance with National Differences</p> <p>List of countries addressed:</p> <p><input checked="" type="checkbox"/> The product fulfils the requirements of IEC 61009-1:2010 + A1:2012 + A2:2013, EN 61009-1:2012 + A1:2014 + A2:2014 + A11:2015 + A12:2016 and AS/NZS 61009.1:2015</p>	

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