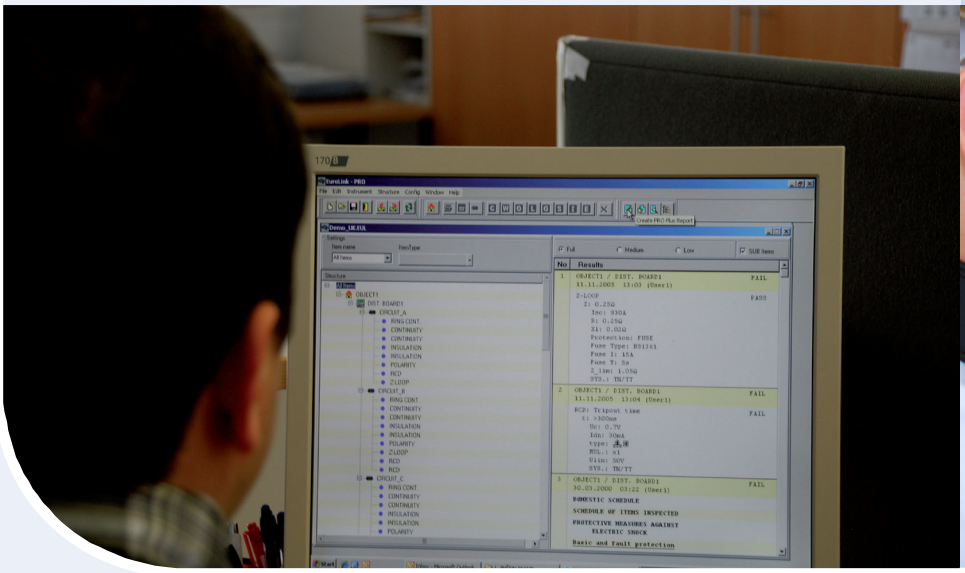
EuroLink PRO

PC software for downloading and analysis of test results and creation of test reports



The EuroLink PRO / PRO Plus software works in conjunction with Metrel downloadable installation testers. The software automatically finds the instrument and allows the test engineer to download test results saved on the instrument, review the results, relocate test results (if required), print test reports and print installation structures for storing in the distribution board. With the more advanced Metrel installation testers, structures can be built with the software and uploaded to the instrument for easy installation navigation while performing on-site testing. Additionally the EuroLink PRO Plus software offers the ability to automatically generate professional PRO Plus Reports.

Key features:

- **Automatic recognition of the instrument:** when connecting the instrument to the PC it is automatically recognized by the software.
- **Simple graphical visualisation of the installation structure:** enables graphical representation of the tested installation which makes it easy to navigate in the installation.
- **10-level structures:** in conjunction with MI 3105 and MI 3101 PC software enables creating the electrical installation structures with up to 10 levels and 4 levels for other models.
- **Rearranging of structures:** the elements of the structure can be relocated and renamed.
- **Installation structures printing:** structures can be printed and stored in the distribution board for easier later identification of the installation elements.
- **Structures upload:** the installation structure can be created in advance on the PC and then simply uploaded to your tester MI 3108, MI 3109, MI 3105, MI 3101, MI 3102H CL, MI 3102H BT, MI 3102 BT, MI 3100 SE, MI 3125 BT and MI 3125B.
- **Export of test results:** test results in text format can be exported to other programs (MS Excel, MS Word).
- **Automatic PRO Test Report generation:** enables automatic generation of PRO Test Report (low, medium and high detailed).
- **Automatic PRO Plus Test Report generation (PRO Plus version only):** enables automatic generation of PRO Plus Test Report which include visual inspection of tested object and test results in tabular form.
- **Suport of EuroLink Android:** suports extended file format from EuroLink Android App.

PC SW EuroLink PRO / PRO Plus is compatible with:

- MI 3108, MI 3109, MI 3105, MI 3101, MI 3102, MI 3102H CL, MI 3102H BT, MI 3102 BT, MI 3100 SE, MI 3002, MI 3125 BT, MI 3125B, MI 3121, MI 3121H, MI 3122 and MI 3123.

Key features for PRO Plus reports:

- Downloaded test results are automatically inserted onto PRO Plus forms.
- Allows to fill out visual inspection form for tested fuse cabinet or earthing system.
- Automatically selects worst case test results for form completion.
- Easy test report generation and reviewing facilities.

EuroLink PRO Plus enables creation of the following test reports:

- PRO Plus Test Report
- NICEIC certificates (UK)
- ZVEH certificates (Germany)
- SiNa certificates (Switzerland)
- ÖVE certificates (Austria)
- HD 384 certificates (Greek)
- KEHE certificates (Greek)
- GOST R 50571 (Russia)
- UNE – 202008 certificates (Spain)

Password protection:

PC SW EuroLink PRO is password protected for the following instruments:

- MI 3121, MI 3121H, MI 3122, MI 3123.

PC SW EuroLink PRO Plus is password protected for all Metrel installation testers.

Ordering information:

- A 1291 PC SW EuroLink PRO with USB and RS232-PS/2 cable
- A 1290 PC SW EuroLink PRO Plus with USB and RS232-PS/2 cable
- A 1292 Upgrade code EuroLink PRO to EuroLink PRO Plus

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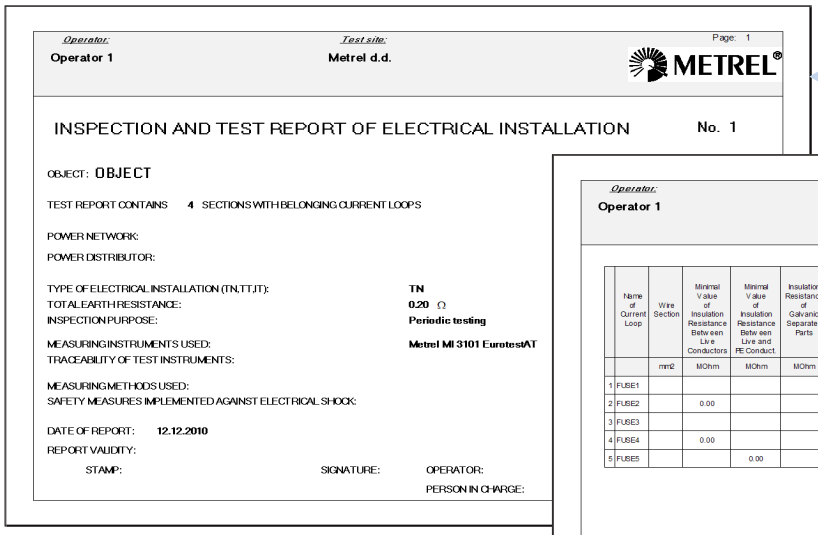

Operator: Operator 1 | Test site: Metrel d.d. | Page: 1

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INSPECTION AND TEST REPORT OF ELECTRICAL INSTALLATION No. 1

OBJECT: OBJECT

TEST REPORT CONTAINS 4 SECTIONS WITH BELONGING CURRENT LOOPS

POWER NETWORK:

POWER DISTRIBUTOR:

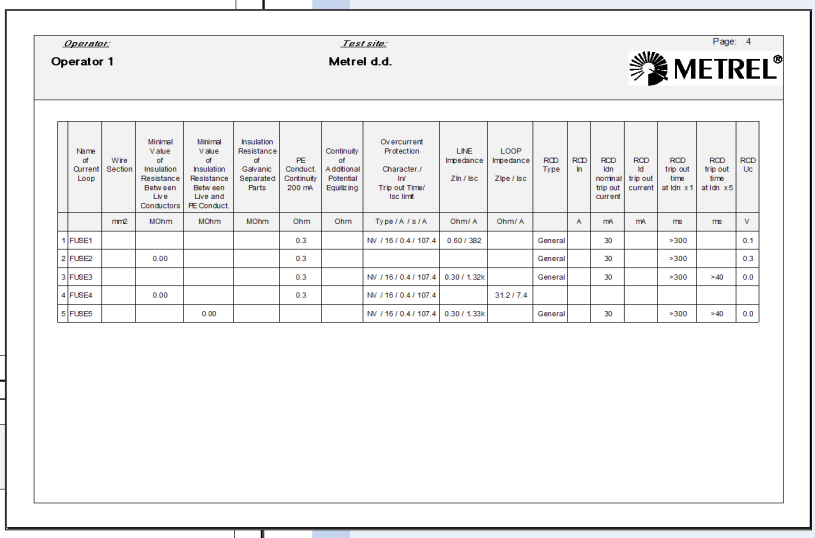
TYPE OF ELECTRICAL INSTALLATION (TN,TT,IT): TN
TOTAL EARTH RESISTANCE: 0.20 Ω
INSPECTION PURPOSE: Periodic testing

MEASURING INSTRUMENTS USED: Metrel MI 3101 EurotestAT
TRACEABILITY OF TEST INSTRUMENTS:

MEASURING METHODS USED:
SAFETY MEASURES IMPLEMENTED AGAINST ELECTRICAL SHOCK:

DATE OF REPORT: 12.12.2010
REPORT VALIDITY:

STAMP: SIGNATURE: OPERATOR:
PERSON IN CHARGE:



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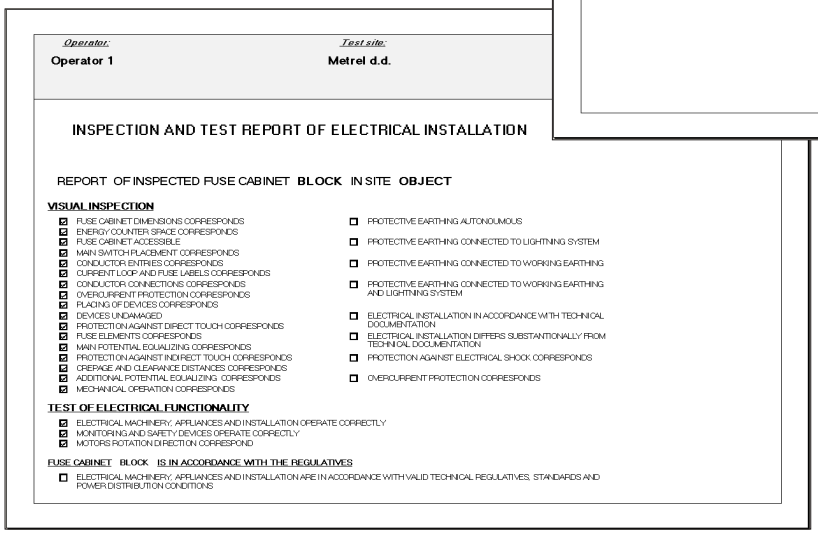
	Name of Current Loop	Wire Section	Minimal Value of Insulation Resistance Betw een Live Conductors	Minimal Value of Insulation Resistance Betw een Live and PE Conduct.	Insulation Resistance of Galvanic Separated Parts	PE Conduct. Continuity 200 mA	Continuity of Additional Potential Equilizing	Overcurrent Protection Character. / In/ Trip out Time/ Isc limit	LINE Impedance Zln / Isc	LOOP Impedance Zlpe / Isc	RCD Type	RCD In	RCD Idn nominal trip out current	RCD Id trip out current	RCD trip out time at Idn x1	RCD trip out time at Idn x5	RCD Uc
		mm2	MOhm	MOhm	MOhm	Ohm	Ohm	Type / A / s / A	Ohm/ A	Ohm/ A		A	mA	mA	ms	ms	V
1	FUSE1					0.3		NV / 16 / 0.4 / 107.4	0.60 / .382		General		30		>300		0.1
2	FUSE2		0.00			0.3					General		30		>300		0.3
3	FUSE3					0.3		NV / 16 / 0.4 / 107.4	0.30 / 1.32k		General		30		>300	>40	0.0
4	FUSE4		0.00			0.3		NV / 16 / 0.4 / 107.4		31.2 / 7.4							
5	FUSE5			0.00				NV / 16 / 0.4 / 107.4	0.30 / 1.33k		General		30		>300	>40	0.0



Operator: Operator 1 | Test site: Metrel d.d.

INSPECTION AND TEST REPORT OF ELECTRICAL INSTALLATION

REPORT OF INSPECTED FUSE CABINET BLOCK IN SITE OBJECT

VISUAL INSPECTION

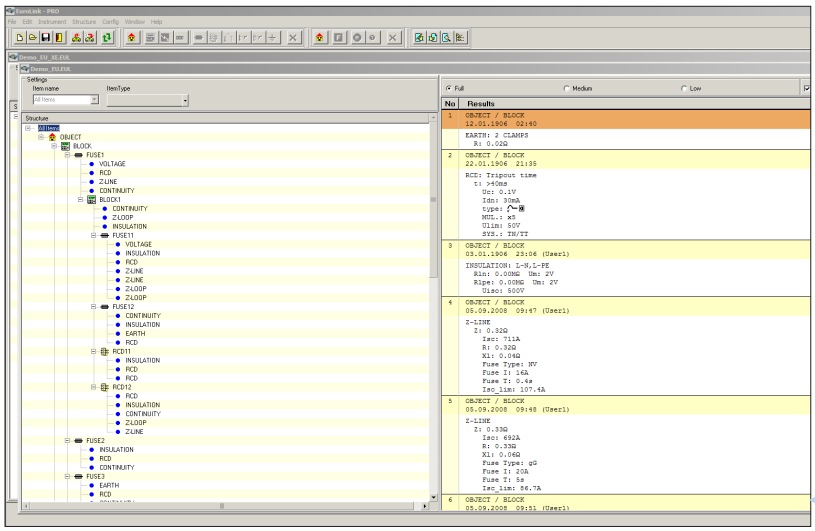
- [x] FUSE CABINET DIMENSIONS CORRESPONDS
- [x] ENERGY COUNTER SPACE CORRESPONDS
- [x] FUSE CABINET ACCESSIBLE
- [x] MAIN SWITCH PLACEMENT CORRESPONDS
- [x] CONDUCTOR ENTRIES CORRESPONDS
- [x] CURRENT LOOP AND FUSE LABELS CORRESPONDS
- [x] CONDUCTOR CONNECTIONS CORRESPONDS
- [x] OVERCURRENT PROTECTION CORRESPONDS
- [x] PLACING OF DEVICES CORRESPONDS
- [x] DEVICES UNDAMAGED
- [x] PROTECTION AGAINST DIRECT TOUCH CORRESPONDS
- [x] FUSE ELEMENTS CORRESPONDS
- [x] MAIN POTENTIAL EQUALIZING CORRESPONDS
- [x] PROTECTION AGAINST INDIRECT TOUCH CORRESPONDS
- [x] CREPAGE AND CLEARANCE DISTANCES CORRESPONDS
- [x] ADDITIONAL POTENTIAL EQUALIZING CORRESPONDS
- [x] MECHANICAL OPERATION CORRESPONDS
- [ ] PROTECTIVE EARTHING AUTONOUMOUS
- [ ] PROTECTIVE EARTHING CONNECTED TO LIGHTNING SYSTEM
- [ ] PROTECTIVE EARTHING CONNECTED TO WORKING EARTHING
- [ ] PROTECTIVE EARTHING CONNECTED TO WORKING EARTHING AND LIGHTNING SYSTEM
- [ ] ELECTRICAL INSTALLATION IN ACCORDANCE WITH TECHNICAL DOCUMENTATION
- [ ] ELECTRICAL INSTALLATION DIFFERS SUBSTANTIONALLY FROM TECHNICAL DOCUMENTATION
- [ ] PROTECTION AGAINST ELECTRICAL SHOCK CORRESPONDS
- [ ] OVERCURRENT PROTECTION CORRESPONDS

TEST OF ELECTRICAL FUNCTIONALITY

- [x] ELECTRICAL MACHINERY, APPLIANCES AND INSTALLATION OPERATE CORRECTLY
- [x] MONITORING AND SAFETY DEVICES OPERATE CORRECTLY
- [x] MOTORS ROTATION DIRECTION CORRESPOND

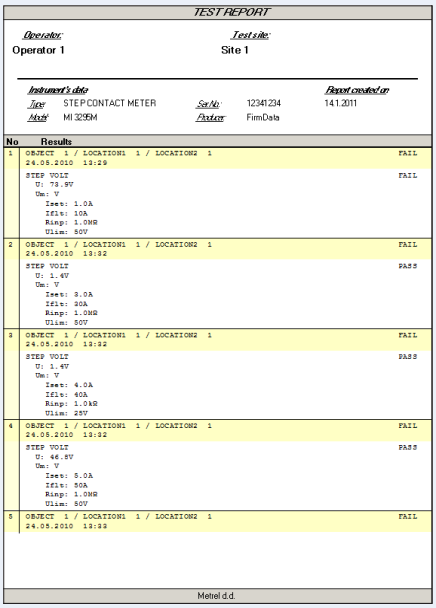
FUSE CABINET BLOCK IS IN ACCORDANCE WITH THE REGULATIVES

- [ ] ELECTRICAL MACHINERY, APPLIANCES AND INSTALLATION ARE IN ACCORDANCE WITH VALID TECHNICAL REGULATIVES, STANDARDS AND POWER DISTRIBUTION CONDITIONS



PRO Plus Test Report

PRO Test Report



TEST REPORT

Operator: Operator 1 | Test site: Site 1

Instrument's data
Type: STEP CONTACT METER | Ser.No: 12341234 | Report created on: 14.1.2011
Model: MI 3295M | Firmware: FirmData

No	Results	
1	OBJECT / LOCATION1 / LOCATION2 1 24.05.2010 13:29	FAIL
	STEP VOLT U: 79.9V Um: V Ires: 1.0A Ifls: 10A Rinp: 1.0MΩ Ulim: 50V	FAIL
2	OBJECT / LOCATION1 1 / LOCATION2 1 24.05.2010 13:32	FAIL
	STEP VOLT U: 1.4V Um: V Ires: 3.0A Ifls: 20A Rinp: 1.0MΩ Ulim: 50V	PASS
3	OBJECT / LOCATION1 1 / LOCATION2 1 24.05.2010 13:32	FAIL
	STEP VOLT U: 1.4V Um: V Ires: 4.0A Ifls: 40A Rinp: 1.0kΩ Ulim: 25V	PASS
4	OBJECT / LOCATION1 1 / LOCATION2 1 24.05.2010 13:32	FAIL
	STEP VOLT U: 46.6V Um: V Ires: 5.0A Ifls: 50A Rinp: 1.0MΩ Ulim: 50V	PASS
5	OBJECT / LOCATION1 1 / LOCATION2 1 24.05.2010 13:33	FAIL

Metrel d.d.

Tree view installation structure can be easily rearranged by customer

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