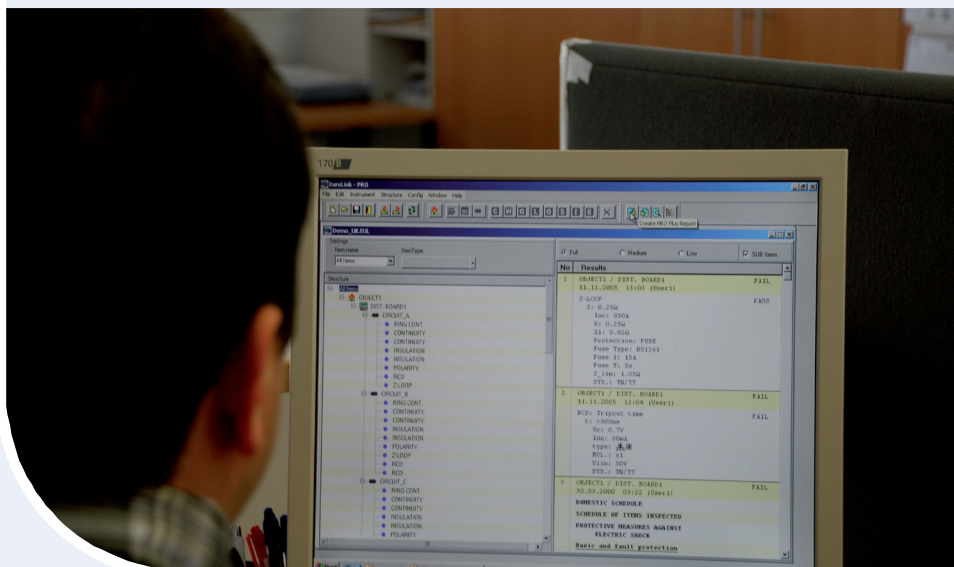


# EuroLink PRO

## 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.
- **Support of EuroLink Android:** supports 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



**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:

**PRO Plus Test Report**



Name of Current Loop	Wire Section	Minimal Value of Insulation Resistance Between Live Conductors	Minimal Value of Insulation Resistance Between Live and PE Conductors	Insulation Resistance of Galvanic Separated Parts	PE Conductivity 200 mA	Continuity of Additional Potential Equalizing	Overcurrent Protection Character / by Trip out Time	LINE Impedance Zn / sec	LOOP Impedance Zpe / sec	RCD Type	RCD In	RCD Iph nominal trip out current	RCD Iph trip out time at Iph x 1	RCD Iph trip out time at Iph x 5	RCD Iph
	mm <sup>2</sup>	MΩ/m	MΩ/m	MΩ/m	Ω/m	Ω/m	Type / A / s / A	Ω/m / A	Ω/m / A		A	mA	ms	ms	V
1 FUSE1		0.00			0.3		NV / 16 / 0.4 / 107.4	0.60 / 362		General	30		>300		0.1
2 FUSE2					0.3								>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		312 / 7.4						
5 FUSE5			0.00				NV / 16 / 0.4 / 107.4	0.30 / 1.32k		General	30		>300	>40	0.0

**INSPECTION AND TEST REPORT OF ELECTRICAL INSTALLATION**

REPORT OF INSPECTED FUSE CABINET **BLOCK** IN SITE **OBJECT**

**VISUAL INSPECTION**

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

**TEST OF ELECTRICAL FUNCTIONALITY**

- ELECTRICAL MACHINERY, APPLIANCES AND INSTALLATION OPERATE CORRECTLY
- MONITORING AND SAFETY DEVICES OPERATE CORRECTLY
- 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 Test Report**

**TEST REPORT**

Operator: **Operator 1** Test site: **Site 1**

Instrument's data: **STEP CONTACT METER** Serial No: **12341234** Factory creation date: **141.2011**  
 Make: **MI 321EM** Model: **FirmData**

No	Results	Pass/Fail
1	OBJECT 1 / LOCATION1 1 / LOCATION2 1 24.09.2010 13:29 STEP VOLT U: 73.8V Um: V Itest: 1.0A Iph: 10A Range: 1.000 Ulim: 50V	FAIL
2	OBJECT 1 / LOCATION1 1 / LOCATION2 1 24.09.2010 13:32 STEP VOLT U: 1.4V Um: V Itest: 3.0A Iph: 20A Range: 1.000 Ulim: 50V	PASS
3	OBJECT 1 / LOCATION1 1 / LOCATION2 1 24.09.2010 13:32 STEP VOLT U: 1.9V Um: V Itest: 4.0A Iph: 40A Range: 1.000 Ulim: 20V	PASS
4	OBJECT 1 / LOCATION1 1 / LOCATION2 1 24.09.2010 13:32 STEP VOLT U: 46.8V Um: V Itest: 5.0A Iph: 50A Range: 1.000 Ulim: 50V	PASS
5	OBJECT 1 / LOCATION1 1 / LOCATION2 1 24.09.2010 13:33	FAIL

Metrel d.d.

Tree view installation structure can be easily rearranged by customer

