

Protection Testing Library

What's New in Version 4.40

Compared to Version 4.30



1 New Protection Test Templates

1.1 GE Multilin C70 V8.4x Capacitor Bank

This item contains a *Protection Test Template* for *Test Universe*.

Features:

- > Bank Voltage Differential Protection
- > Neutral Voltage Unbalance Protection
- > Bank Phase Overvoltage Protection
- > Neutral Current Unbalance
- > Phase Overvoltage Protection
- > Phase Undervoltage Protection
- > Phase Overcurrent Protection
- > Neutral Overcurrent Protection
- > Ground Overcurrent Protection
- > Negative Sequence Overcurrent Protection

1.1.1 XRIO Converter Parameter Import

Relay settings can be exported from the *GE EnerVista UR Setup* software and imported into the **XRIO Converter** using the *Filter for GE Enervista .csv Settings*.

1.2 Ingeteam INGEPAC EF-TD V6.11.19.28 Transformer

This item contains a *Protection Test Template* for *Test Universe*.

Features:

- > Differential Protection
- > Overcurrent Protection
- > Thermal Overload Protection

1.3 Protecta EuroProt+ E2-TR V2.10 Transformer

This item contains a *Protection Test Template* for *Test Universe*.

Features:

- > Transformer Differential Protection
- > Overcurrent Protection
- > Thermal Overload

1.3.1 XRIO Converter Parameter Import

Relay settings can be exported from the *Protecta EuroCAP Parameter Tool* software and imported into the **XRIO Converter** using the *Filter for Protecta/Vivavis EuroCAP .par Settings*.

1.4 Schneider Electric MiCOM P143 B7 Feeder

This item contains a *Protection Test Template* for *Test Universe*.

Features:

- > Directional Phase Overcurrent Protection
- > Directional Earth Fault Protection
- > Negative Phase Sequence Overcurrent

1.4.1 XRIO Converter Parameter Import

Relay settings can be exported from the *Schneider Electric Easergy Studio* software and imported into the **XRIO Converter** using the *Standard Filter for XRIO Files*.

1.5 Schneider Electric P3L30 V30.205 Line

This item contains a *Protection Test Template* for *Test Universe*.

Features:

- > Line Differential Overcurrent
- > Distance Protection
- > Phase Overcurrent
- > Ground Fault Overcurrent
- > Switch On-to-Fault

2 Updated Protection Test Templates

2.1 ABB REM620 V2.1 Motor

Changes:

- > Bugfixing Differential protection - Motor winding protection Slope 3
- > Minor bugfixing

2.2 ABB REX640 V1.2.2 Motor

Changes:

- > Updated to match firmware V1.2.2 (product connectivity level PCL3)

2.3 GE Multilin D60 V8.4x Line

Changes:

- > Updated to match firmware V8.4x
- > Bugfixing CT value processing

2.4 GE Multilin L90 V8.4x Line

Changes:

- > Updated to match firmware V8.4x

2.5 Protecta EuroProt+ E2-Line V2.10 Line

Changes:

- > Bugfixing RIO Overcurrent for a CT rated secondary current of 5A

2.6 Protecta EuroProt+ E4-Feeder V2.10 Line

Changes:

- > Bugfixing RIO Overcurrent for a CT rated secondary current of 5A

2.7 Schneider Electric P3U30 V30.205 Feeder

Changes:

- > Relay Parameter Section function activations as in the Enabled-view of the *Easergy Pro* software
- > Testing support for grounding CT in Holmgreen connection

2.8 Vivavis ACOS 354 V2.8 Line

Changes:

- > Bugfixing RIO Overcurrent for a CT rated secondary current of 5A

2.9 Vivavis ACOS 375 V2.8 Line

Changes:

- > Bugfixing RIO Overcurrent for a CT rated secondary current of 5A

For more information, additional literature,
and detailed contact information of our
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www.omicronenergy.com

Subject to change without notice.