Intended for testing binary inputs and outputs of Relion® protection relays

Easy and fast simulation of the configuration throughout the relay’s entire life cycle – from design and commissioning, through periodic maintenance, to modifications and replacement

– Simulation during the design of the application configuration
– Testing the operation of inputs and outputs during routine maintenance and testing
## Relion® BIO-Testers

### Available range of testers

<table>
<thead>
<tr>
<th>BIO-Tester Relion® 611/615</th>
<th>BIO-Tester Relion® 630</th>
<th>BIO-Tester Relion® REX640</th>
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<tr>
<td>- REF611</td>
<td>- REF630 4U (6U)¹</td>
<td>- REX640</td>
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¹ With 6U, a maximum of two BIO modules can be simultaneously tested.
Relion® BIO-Testers

Benefits (1/2)

Cost savings
- Less time required for testing the configuration
- Less time required for testing the operation of inputs and outputs
- Minimized risk of configuration errors

Safety
- Low operating voltage
- Fully sheltered housing
Relion® BIO-Testers

Benefits (2/2)

Easy to use
– No training required
– Comprehensive user manual included

Portability
– Easy to bring on-site due to small size

Affordable price
– Short payback time due to cost savings
– Investment value only a fraction of that of high-end test equipment
Relion® BIO-Testers

Ordering

Relion® BIO-Testers can be ordered via:

- Business Online (ordering tool available in certain countries): [http://online.abb.com](http://online.abb.com)
- Your local ABB representative

Order codes:

- 611/615 BIO-TESTER
- 630 BIO-TESTER 4U
- BIO-Tester Relion® REX640 (2RCA050442)

Delivery includes:

- Tester with connector cables
- AC adapter and power cord (only power cord for BIO-Tester Relion® REX640)
- User guidelines

For more information, please visit the Relion® BIO-Testers page.
Relion® BIO-Testers

Additional information and related products

RED500 IO-Tester
- For REF/REM/RET 541/3/5 relays
- Similar functionality as in Relion BIO-Testers
- Comprehensive user manual included

TEST MODULE – Preventive Maintenance
- A set of 11 test modules covering the whole SPACOM product family
- Intended for testing the condition of the power supply module and tripping relays

Visit our [website](#) for information on other DA Life Cycle Services.