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# Relion® BIO-Testers

Easy simulation and testing

# Relion® BIO-Testers

## Application area

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

Easy and fast simulation of the application configuration throughout the relay's entire life cycle:

- Simulation during the design of the application configuration
- Testing and commissioning
- Periodic maintenance
- Troubleshooting
- Modifications and replacement



# Relion® BIO-Testers

Available range of testers

## Relion® BIO-Tester 610-611-615-620

REX610	REM615	REC615
REX615	RET615	RER615
REF611	REG615	REF620
REM611	RED615	REM620
REB611	REU615	RET620
REU611	REV615	RER620
REF615		



## BIO-Tester Relion® 630

REF630 4U (6U) <sup>1</sup>
REM630 4U (6U) <sup>1</sup>
RET630 4U (6U) <sup>1</sup>
REG630 4U (6U) <sup>1</sup>

<sup>1</sup> With 6U, a maximum of two BIO modules can be simultaneously tested.



## BIO-Tester Relion® REX640

REX640
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# 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>
- Your local ABB representative

Order codes:

- Relion® BIO-Tester 610-611-615-620
- BIO-Tester Relion® 630 4U
- BIO-Tester Relion® REX640 (2RCA050442)

Delivery includes:

- Relion® BIO-Tester with connector cables
- Power cord (AC adapter and power cord for BIO-Tester Relion® 630)
- User guidelines

For more information, please visit the [Relion® BIO-Testers](#) page.



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# 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



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