



# ReStart

Continuous safety,  
everywhere.

**GEWISS**

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**Improved safety** The ReStart automatic reclosing devices prevent dangerous situations because they quickly identify faults in the electrical system and restore the power supply under optimal safety conditions only.

**Continuous power supply** The ReStart devices automatically restore the power supply if the circuit breaker is unexpectedly tripped. This means less interruption of activities and increased continuity of service, especially in environments where a reliable power supply is critical.

**Savings on maintenance costs** Automatic solution of involuntary disconnections from the electrical power supply and automated checking of the circuit breaker significantly reduce the need for manual intervention by technicians, which means a reduction in operating costs.



ReStart is an advanced range of RCDs that ensure total safety and maximum continuity of service in residential, office and industrial environments, safeguarding people and property. Three available versions:

#### **ReStart Autotest PRO**

Offers maximum safety and continuity of service, thanks to automatic, periodic testing of the RCCB (Autotest) and PROlonged check of the electrical system before the automatic reclose.

#### **ReStart PRO**

Ensures safety and continuity of service, carrying out a PROlonged check of the electrical system, with no time limits, before reclosing the circuit breaker.

#### **ReStart**

Ensures safety and continuity of service because, in case of a untimely trip, it recloses the circuit breaker after verifying the absence of system faults.



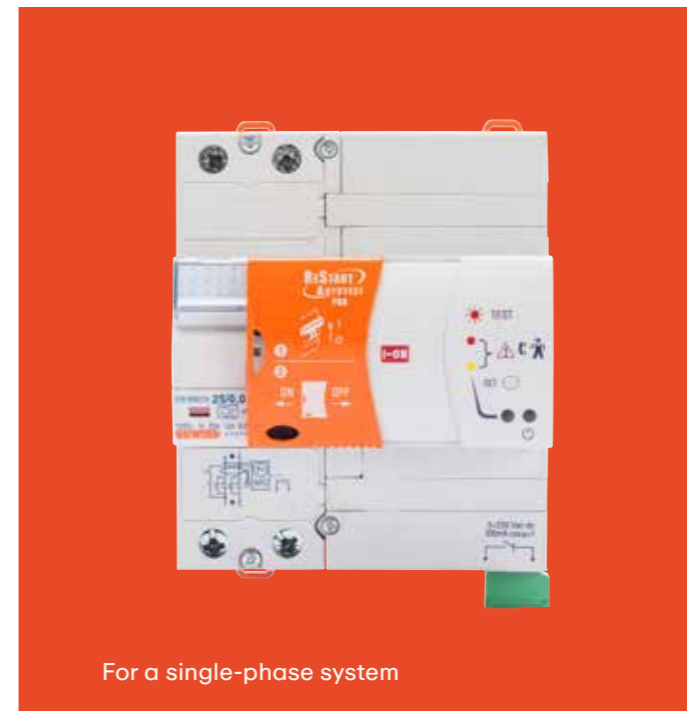
# ReStart Autotest PRO

For a system that is always efficient and safe, with no need for technical interventions.

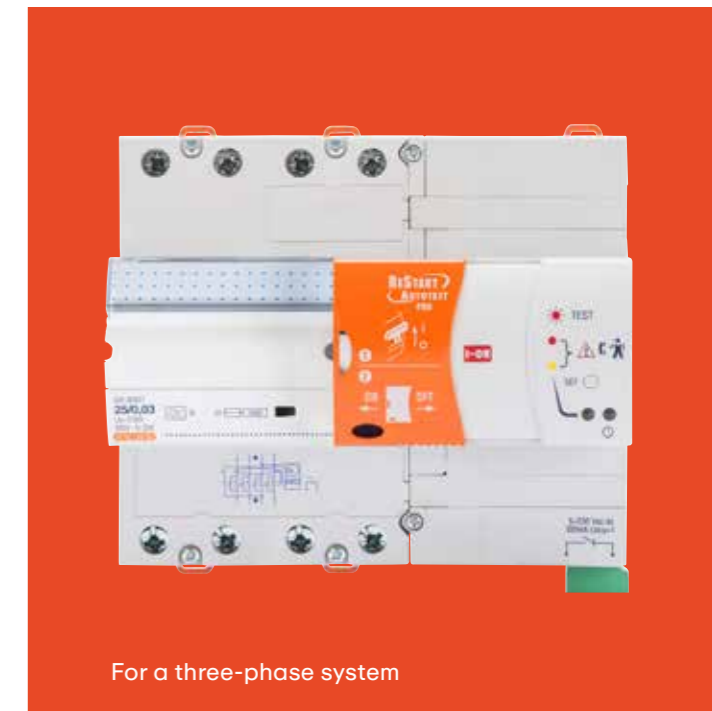
It automatically recloses the circuit breaker once it has checked that there are no faults in the system.

It automatically carries out a test on the RCCB every 28 days, avoiding manual intervention.

It does not interrupt the power supply to the system during the automatic test of the RCCB, ensuring continuity of service.



For a single-phase system



For a three-phase system



## Testing without voltage drops

ReStart Autotest PRO is the only device on the market that can perform periodic test of the RCCB without cutting off the voltage to the system. This function is guaranteed by special bypass contacts patented by GEWISS.

## Zero stress with automatic testing


ReStart Autotest PRO automatically performs RCCB test every 28 days, ensuring maximum safety for the user and total efficiency of the protection device.

## Wide range

ReStart Autotest PRO is available in 2P and 4P versions for both single-phase and three-phase distribution systems with several sensitivities to fault currents, from the most common (type A) to the more complex (type B), ensuring maximum safety in every applications.

## RCCB failure: causes

- ⊕ Aging or failure of the RCCB to carry out the test.
- ⊕ Harsh environmental conditions: extreme temperatures and high humidity.
- ⊕ Presence of dust and corrosive agents in aggressive chemical environments.

 [Discover the product in the dedicated video](#)

# ReStart PRO

Continuous checking of the system for timely restoration of the electrical power supply.

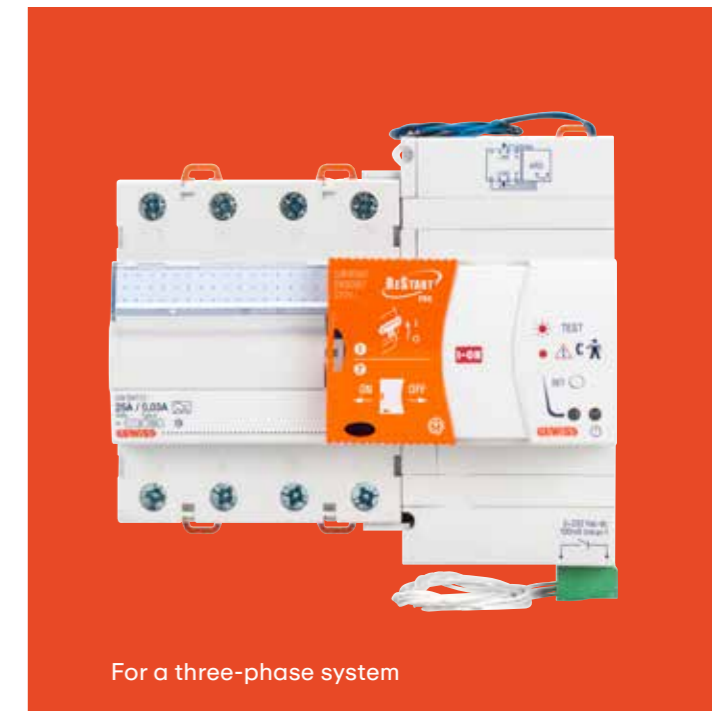
Reclose in case of the circuit breaker being tripped.

Verification to detect the presence of system faults.

In case of a fault, it continues to check the system every two minutes without time limits.



For a single-phase system



For a three-phase system



## Unexpected tripping of the RCCB: causes

- ⊕ Atmospheric phenomena: such as storms or electrical discharge caused by lightning.
- ⊕ Technical interventions: operations on the electrical grid by the energy distributor.
- ⊕ Harmonics from inverters: disturbances in the conversion of electrical energy, generally caused by the presence of inverters.
- ⊕ Industrial disturbances: startup or shutdown of large industrial machines.

## Maximum continuity of service


ReStart PRO, thanks to its PROlonged check of system faults, automatically recloses the circuit breaker, even after a distance of time, ensuring the maximum safety and continuity of service.

## Maximum safety in a single module

The single-phase solution occupies only one DIN module: the widest possibility of installation, even for pre-existing systems, with the least possible impact on the electrical panel configuration.

## Wide range

For maximum versatility of use, ReStart PRO is available both for single-phase and three-phase systems and can be combined with RCCBs or RCBOs that having different sensitivity to the fault currents (types AC, A, F and B).

 [Discover the product in the dedicated video](#)



# ReStart

Rapid return of the electrical power supply after verifying the absence of system faults.

Reclose after unexpected tripping of the circuit breaker

Verification to detect the presence of system faults.

It is particularly suitable for residential environments.



## Guaranteed continuity of service

ReStart guarantees safety and continuity of service in case of unexpected tripping of the circuit breaker because it checks for any faults before reclosing.

## Maximum safety in a single module

ReStart, in a residential enclosure, occupies only one additional DIN module compared to a circuit breaker without automatic reclose, ensuring the least possible impact during installation - especially in pre-existing systems.

## Minimum waiting times

ReStart is even faster now: all versions ensure checking of the system and reclose the circuit breaker in just ten seconds.

## Unexpected tripping of the RCCB: causes



Atmospheric phenomena: such as storms or electrical discharge caused by lightning.



Technical interventions: operations on the electricity grid by the energy distributor.



Discover the product in the dedicated video

# Range



### Reclosing, yes, but only in complete safety

The ReStart devices restore the power supply only after checking for the presence of any faults in the system. This ensures the safety of people and property, without any danger of electrical shocks.



### Constant power

Thanks to the special bypass circuit patented by GEWISS, ReStart Autotest PRO carries out periodic test of the RCCB without cutting off power to the system. This avoids voltage drops or inconveniences caused by power interruption, ensuring the maximum efficiency of the RCCB protection even for long periods of time.



### Continuous checking, immediate reclose

After the circuit breaker trips caused by a fault, ReStart PRO continues to monitor the system every two minutes until safe conditions have been restored and only then proceeds with the automatic reclosing of the circuit breaker. Especially suited to outdoor areas and environments prone to humidity.



### More compact, less bulk

The solution for single-phase systems is unique: it occupies only a single DIN module, the minimum space necessary. Ideal for pre-existing electrical panels.



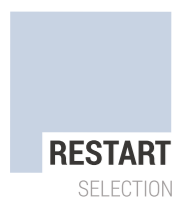
### Customised reclosing

ReStart TOP allows you to set the modes and adjust the reclosing delay times, adapting the restoration of electrical power to the requirements of each user.



### Centralised safety management

For centralised management of all the functions of the ReStart devices in the network, the ReStart range can be integrated into a MODBUS RS485 data network, by connecting with the GEWISS BUS interface.



### ReStart Configurator

#### Selection of ReStart automatic reclosing devices

RESTART is online software that can be used by any device connected to Internet (smartphones, tablets or PCs), with which it is possible to find ReStart automatic reclosing devices.



Scan the QR code to find out more about the ReStart range and choose the device most suited to your needs.

## ReStart Autotest PRO

with combined RCCBs

2 poles



4 poles



## ReStart RD

for RCCBs

2 poles



2 poles PRO



4 poles PRO



## ReStart RM

for RCBOs

2 poles



2 poles PRO



4 poles PRO



TOP





# Applications

Industry



Residential



Healthcare



Hospitality



City Landscape



Hospitality



Retail



Office



Healthcare



City Landscape



## Residential

ReStart is the best solution for ensuring the total safety and constant operation of fridges, freezers, alarm systems, WiFi modems and all devices connected to the electrical network. Moreover, with ReStart Autotest PRO, the circuit breaker is ready to respond in case of emergency because the RCCB is automatically tested, frequently and without voltage drops. This contributes to keeping the domestic environment safe for its inhabitants.

- ✓ Residential complexes
- ✓ Apartments and villas
- ✓ Holiday homes
- ✓ Isolated houses

## Office & Retail

A continuous electrical service increases the reliability of the company's operations. Without power interruptions, offices and shops can ensure that transactions and communications occur smoothly and continuously, improving customer satisfaction and increasing the company's profile.

- ✓ Offices
- ✓ Shops

## Industry

In industry, production processes are often highly automated and depend on a continuous power supply. Power interruptions, even of short duration, due to manual test of the RCCB by means the test button, can cause production losses and expensive downtime. Installing ReStart Autotest PRO automatic reclose devices eliminates this disadvantage.

- ✓ Food production plants
- ✓ Construction sites
- ✓ Woodworking shops
- ✓ Steel plants
- ✓ Mining extraction sites

## Hospitality

Guests in hotels and campsites desire a comfortable and problem-free stay. Power interruptions cause difficulties for customers, reducing their satisfaction and negatively impacting the hotel's reputation. ReStart resolves the inconvenience caused by undesired power interruptions, rapidly and without specialised personnel.

- ✓ Hotels
- ✓ Bed & Breakfasts
- ✓ Campsites

## Healthcare

Continuity of the electrical service is essential to ensure that patients receive uninterrupted assistance. The ReStart applications include storage of drugs and sensitive materials at a controlled temperature where their efficacy and safety could be compromised by power interruptions.

- ✓ Clinics and old people's homes
- ✓ Out-patient clinics
- ✓ Laboratories
- ✓ Residential nursing homes

## City Landscape

A public environment that is always illuminated and monitored contributes to the safety of residents and visitors, generating a positive impact on their well-being and perception of the surrounding area. When people move in the urban areas or public places, the presence of continually active lighting and video surveillance systems increases comfort and trust.

- ✓ Video surveillance
- ✓ Public street lighting
- ✓ Information displays
- ✓ Automatic ticket machines



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