ReStart
Continuous safety, everywhere.
ReStart CONTINUOUS SAFETY; EVERYWHERE.

WE GIVE SHAPE TO THE IDEA OF SECURITY

**PROTECTION**
ReStart devices restore the power supply only after checking there are no faults in the system. Guaranteeing total, continuous protection in every condition.

**VERSATILITY**
ReStart and ReStart Autotest devices are available in 2P and 4P versions, ideal for single-phase and three-phase distribution systems.

**RELIABILITY**
ReStart and ReStart Autotest can also be installed in unmanned systems, where they are able to guarantee service continuity and a considerable reduction in maintenance costs.

**CONTINUITY**
ReStart solutions guarantee total continuity under any condition; in the case of untimely tripping, in fact, they reclose the residual current circuit breaker only after checking there are no faults in the system.

The most important aspect of developing and creating electrotechnical products is to give shape to the concept of safety and security. The result is the creation of the ReStart family, a range of advanced residual current devices that are able to guarantee complete safety in the residential, industrial and commercial sectors, protecting people and property. It ensures safety combines seamlessly with service continuity. Our idea of safety comes in two forms:

- with ReStart solutions that ensure service continuity in the event of untimely tripping, only reclosing the residual current circuit breaker after checking there are no system faults.
- with ReStart AUTOTEST solutions that offer optimum safety, performing a regular automatic test on the residual current device without disconnecting voltage to the system.

ReStart and ReStart Autotest are ideal for unsupervised systems too, ensuring service continuity and reducing maintenance-related issues. This is the idea of safety the ReStart family of solutions aims to satisfy. And all of this translates into a better quality of life as well. Wherever.
ReStart

When it is needed
- In the event of nuisance tripping of the circuit breaker.
- When there is a fault in the system.
- For any type of supervised or unsupervised residential, commercial or industrial system.

Why choose it
- Resets the electrical power supply in a few seconds, after checking there are no faults in the system.
- In the event of a fault, it does not permit the reclosure of the circuit breaker, to guarantee safety to people and property.
- Guarantees service continuity and protection in every context.

Nuisance tripping of the residual current device: the causes

ATMOSPHERIC EVENTS: Atmospheric disturbances, such as electrical discharge generated by lightning. Mechanical resistance to UV rays and chemical agents.

TECHNICAL MAINTENANCE: Operations or disturbances on the mains supply triggered by the power supply company.

HARMONICS DUE TO INVERTERS: Harmonics, i.e. electric conversion disturbances, generally caused by the presence of photovoltaic inverters.

INDUSTRIAL DISTURBANCES: Start up or shut-down of large industrial machines.

LIGHTING LOADS: Simultaneous switching on/off of numerous fluorescent light loads.

The exclusive benefits of ReStart

SERVICE CONTINUITY WITH INSULATION CONTROL: ReStart guarantees automatic reclosing in the event of untimely circuit breaker tripping after checking there are no faults, thereby avoiding inconvenience and possible damage.

REDUCTION IN OVERALL DIMENSIONS: ReStart is even more compact: the solution for single-phase systems only occupies one DIN module, for the widest possible options for installation.

QUICK RECLOSING: ReStart is even faster: all the versions guarantee system control and circuit breaker reclosing in just 10 seconds.

ReStart PRO
- Continuous protection and control.
- After the circuit breaker trips, it checks the state of insulation of the system for as long as it takes until the fault has been resolved, before reclosing the circuit breaker.
- Available accessories include bus modules and an auxiliary contact to always be able to remotely control the status of the circuit breaker.

ReStart TOP
- Ideal for commercial and industrial applications.
- Permits regulating the times and methods for circuit breaker automatic reclosing.
- Permits setting the number of attempts and the automatic reclosing time delay.

Why choose it
- In the event of nuisance tripping of the circuit breaker.
- When there is a fault in the system.
- For any type of supervised or unsupervised residential, commercial or industrial system.
ReStart Autotest

When it is needed

- To automatically test the residual current periodically.
- To guarantee the efficiency and safety of any residential, industrial or commercial system.
- For unsupervised systems where fast and continuous maintenance is not possible.

Why choose it

- It tests the residual current automatically, every 28 days, avoiding manual operation.
- During the automatic test of the residual current circuit breaker it does not disconnect the voltage from the system, guaranteeing service continuity.
- Thanks to the Autotest function, ReStart ensures the system is always safe and efficient, without the need for technical interventions.

Failure of the residual current switch: the causes

- Ageing or failure to test the residual current circuit breaker.
- Difficult environmental conditions: extreme temperatures and high humidity.
- Dusty environments.
- Corrosive agents in chemically aggressive environments.

The exclusive benefits of ReStart Autotest

- TESTING THE RESIDUAL CURRENT WITH NO LOSS OF VOLTAGE: ReStart Autotest is the only device on the market that can carry out periodic safety testing on the residual current, without disconnecting voltage to the system. This function is guaranteed by special GEWISS-patented bypass contacts.
- FREQUENCY OF THE AUTOMATIC TESTING: ReStart Autotest automatically tests the residual current every 28 days, guaranteeing maximum safety for the user and total efficiency of the protective device.
- VAST RANGE: ReStart Autotest is available in 2P and 4P versions for single-phase and three-phase distribution systems, for maximum safety in any application context.

Supply terminals
Slewing door left: device ON right: device OFF
AUTOTEST manual function launch
Device “ON” LED
Operation status LED
Output terminals
Auxiliary contact
Remote control with the WiFi module

When it is needed

- For monitoring the status of the electrical system anywhere and at any time.
- To maintain control of the amount of electrical energy produced and consumed, the active and reactive power, the current and voltage of the system.
- In the case of systems with ReStart Autotest, to test the operation of the residual current protection at any time.

Why choose it

- ReStart App makes it possible, with the use of a simple internet connection, to control the associated ReStart devices with a simple touch.
- It is possible to read all the status values associated with your system at any time from your smartphone or tablet.
- With the ReStart App it is not only possible to remotely launch an Autotest command, but also view the details regarding the result, date and time of all the test operations performed over time.

The Wi-Fi interface communication module is one of the accessories available for ReStart for remote control, together with the auxiliary contact module and the RS485 BUS interface communication module.

For more information, visit www.gewiss.com

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<table>
<thead>
<tr>
<th>Wi-Fi module</th>
<th>ReStart</th>
<th>ReStart Autotest</th>
<th>Information via APP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Standard</td>
<td>PRO</td>
<td>PRO</td>
</tr>
<tr>
<td>GW0953</td>
<td>2P</td>
<td>PRO</td>
<td></td>
</tr>
<tr>
<td>GW90945</td>
<td>4P</td>
<td>PRO</td>
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</tr>
<tr>
<td>GW90953</td>
<td>2P</td>
<td>PRO</td>
<td></td>
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<tr>
<td>GW90954</td>
<td>4P</td>
<td></td>
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</table>

Download the ReStart APP:
The range

<table>
<thead>
<tr>
<th></th>
<th>ReStart</th>
<th>ReStart Autotest</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RD</strong></td>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
</tr>
<tr>
<td><strong>RM</strong></td>
<td><img src="image3.png" alt="Image" /></td>
<td><img src="image4.png" alt="Image" /></td>
</tr>
<tr>
<td>Residual current circuit breakers</td>
<td>RCBOs</td>
<td>Residual current circuit breakers</td>
</tr>
<tr>
<td><strong>Standard</strong></td>
<td>2P</td>
<td>2P</td>
</tr>
<tr>
<td><strong>PRO</strong></td>
<td>2P</td>
<td>4P</td>
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<tr>
<td><strong>TOP</strong></td>
<td>4P</td>
<td>4P</td>
</tr>
</tbody>
</table>

ReStart: a continuously evolving story.

The ReStart family was created in the 2P versions, both standard as well as with autotest, for single-phase distribution networks.

The ReStart PRO 4P version was developed, suitable for three-phase distribution networks.

New ReStart: even more compact and faster.

2004: The ReStart PRO 2P version enters production, with continuous control of the system.

2005: ReStart PRO 4P.

2013: New generation of ReStart with a pre-arrangement for a BUS connection.

2017: ReStart Wi-Fi APP: your system, within reach.

2018: ReStart CONTINUOUS SAFETY; EVERYWHERE.
A universal system for any application context.

Residential

In residential buildings, ReStart and ReStart Autotest are the best solution to guarantee total safety, by periodically checking the residual current circuit breaker to avoid dangerous malfunctions in the circuit breaker due to lack of use. Furthermore, in the case of sudden power interruptions, ReStart reactivates the system in only ten seconds after checking that there is no fault. It guarantees service continuity, therefore ensuring the continuous operation of refrigerators, freezers, alarm systems and all devices connected to the electrical network.

Telecommunications

The ReStart application in the telecommunication stations allows the major telecom operators to guarantee service continuity even in remote locations, thereby significantly reducing maintenance and on-site work costs for: repeaters/antennas located in hard to reach locations; Internet distribution stations via optical fibre.

Public service

The ReStart installation offers service continuity in public locations such as parks, roads, tunnels and squares, where the continuity of the light flow is essential for ensuring improved safety of people and property. In addition to guaranteeing the operation of public information panels, traffic lights and advertising panels, the GEWISS patent provides efficiency and service continuity also for video surveillance systems.

Energy distribution and production

When installed in electrical vehicle charging units, ReStart guarantees continuity for refuelling operations, avoiding annoying power interruptions. Furthermore, it ensures maximum efficiency for the production of energy from photovoltaic and wind power systems, where economic return is linked to service continuity and the injection of electrical energy in the distribution network. Finally the GEWISS device is extremely useful in contexts such as smart homes, where it is more frequently used to manage “mini” electrical networks.

Transport

The use of ReStart in railway and airport stations allows all the electronic functions to remain active even in distant or difficult to reach points, where the lack of power can cause serious problems for circulation. Autotest also offers a regular check of the residual current protection to guarantee its effectiveness over time. This results in a significant reduction in maintenance and on-site work costs.

Dusty environments

ReStart, ReStart with Autotest and ReStart PRO are recommended for harsh environments where the regular, automatic AUTOTEST function keeps the residual current in good working order, in areas, for example, where the residual current protection can deteriorate due to the aggressive conditions to which it is exposed: such as in carpentry workshops, construction sites, mines or the processing industry in general.

- Condominiums
- Flats or detached houses
- Holiday homes
- Isolated houses
- Electric car charging network
- Photovoltaic systems
- Gas pipe
- Railway stations
- Airports
- Bus terminals
- Automatic ticketing machines
- Construction sites
- Carpenter workshops
- Steel industry
- Mining sites
### CHARACTERISTICS AND ADVANTAGES

<table>
<thead>
<tr>
<th>Action</th>
<th>ReStart Autotest</th>
<th>ReStart RD</th>
<th>ReStart RM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost savings, but without reducing safety</td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
</tr>
<tr>
<td>Practical installation, anywhere</td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
</tr>
<tr>
<td>Continuous control, immediate reclosing.</td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
</tr>
<tr>
<td>Self-diagnosis on a continuous cycle</td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
</tr>
<tr>
<td>The energy never deserts you</td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
</tr>
<tr>
<td>Safety under control, from a single point</td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
</tr>
<tr>
<td>A contact that always warns you in the event of a fault</td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
</tr>
<tr>
<td>The system close to hand, everywhere.</td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
</tr>
<tr>
<td>More compact, smaller overall dimensions in the enclosure.</td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
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</tbody>
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**RESTART - DEVICE DESCRIPTION**

**ReStart RD 2P**

- Door open: ReStart deactivated
- Door closed: ReStart activated

**ReStart RD PRO 2P**

- Door open: ReStart deactivated
- Door closed: ReStart activated

**ReStart RD PRO 4P**

- Sliding door left: ReStart deactivated
- Sliding door right: ReStart deactivated

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**ReStart RM 2P**

- Door open: ReStart deactivated
- Door closed: ReStart activated

**ReStart RM PRO 2P**

- Door open: ReStart deactivated
- Door closed: ReStart activated

**ReStart RM TOP**

- Selector: UP, ON, DOWN, OFF
- Operating modes
- LED, Mode
- Auxiliary contact mode

---

1. It is possible to choose the automatic reclosing mode • with a system check • by attempts • remote
2. It is possible to set the automatic reclosing time delay.
3. For 4P versions only.
Self-reclosing devices with circuit safety check

### DEVICES COUPLED WITH IDP RESIDUAL CURRENT CIRCUIT BREAKERS

<table>
<thead>
<tr>
<th>In (A)</th>
<th>Type</th>
<th>RD2 - 2 poles</th>
<th>RD2 - 2 poles, PRO version</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>AC</td>
<td>GW D4 917 R</td>
<td>GW D4 917 P</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>GW D4 927 R</td>
<td>GW D4 927 P</td>
</tr>
<tr>
<td>40</td>
<td>A(R)</td>
<td>GW D4 917 R</td>
<td>GW D4 917 P</td>
</tr>
</tbody>
</table>

### DEVICES TO COUPLE WITH IDP RESIDUAL CURRENT CIRCUIT BREAKERS

<table>
<thead>
<tr>
<th>In (A)</th>
<th>Type</th>
<th>RD2 - 2 poles</th>
<th>RD2 - 2 poles, PRO version</th>
<th>RD4 - 4 poles, PRO version</th>
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</thead>
<tbody>
<tr>
<td>25</td>
<td>A</td>
<td>GW D4 917 R</td>
<td>GW D4 917 P</td>
<td>GW D4 917 R</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>GW D4 927 R</td>
<td>GW D4 927 P</td>
<td>GW D4 927 P</td>
</tr>
<tr>
<td>40</td>
<td>A(R)</td>
<td>GW D4 917 R</td>
<td>GW D4 917 P</td>
<td>GW D4 917 P</td>
</tr>
</tbody>
</table>

**NOTE:** The reclosing device must be supplied at 230 V AC phase-neutral in order to work properly.

**Warning:** ReStart autotest PRO 2P can also be coupled with 2-pole residual current circuit breakers.

Selection guide

Automatic reclosing devices with preventive check of the insulation and automatic test of the residual current circuit breaker.

### COUPLED VERSIONS WITH RCCB’S

<table>
<thead>
<tr>
<th>In (A)</th>
<th>Type</th>
<th>ATR2 - 2 poles</th>
<th>ATR4 - 4 poles</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>A</td>
<td>GW D4 901 N</td>
<td>GW D4 901 N</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>GW D4 902 N</td>
<td>GW D4 902 N</td>
</tr>
<tr>
<td>40</td>
<td>A</td>
<td>GW D4 907 N</td>
<td>GW D4 907 N</td>
</tr>
<tr>
<td>63</td>
<td>A</td>
<td>GW D4 907 N</td>
<td>GW D4 907 N</td>
</tr>
</tbody>
</table>

**NOTE:** ARC must be supplied with 230 V AC phase-neutral for working.
### DEVICES COUPLED WITH RCBOs MDC

#### RM2 - 2 poles

<table>
<thead>
<tr>
<th>Current (A)</th>
<th>Curve</th>
<th>A type</th>
<th>Type</th>
<th>I∆n (mA)</th>
<th>Icn (A) Curve</th>
<th>In (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>C</td>
<td>A type</td>
<td>RM2</td>
<td>2 poles</td>
<td>RM2, PRO version</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** They are also compatible with RCBOs 1P+N and 2-pole (MDC 1P+N and 2P).

The reclosing device must be powered at 230V AC phase-neutral in order to work properly.

### DEVICES TO BE COUPLED WITH COMPACT RESIDUAL CURRENT BREAKERS WITH OVERCURRENT PROTECTION MDC - 2 POLES

#### RM2 - 2 poles

<table>
<thead>
<tr>
<th>Current (A)</th>
<th>Curve</th>
<th>A type</th>
<th>Type</th>
<th>I∆n (mA)</th>
<th>Icn (A) Curve</th>
<th>In (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>C</td>
<td>A type</td>
<td>RM2</td>
<td>2 poles</td>
<td>RM2, PRO version</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** The reclosing device must be powered at 230V AC phase-neutral in order to work properly.

### DEVICES COUPLED WITH COMPACT RESIDUAL CURRENT BREAKERS WITH OVERCURRENT PROTECTION MDC - 4 POLES

#### RM4 - 4 poles, PRO version

<table>
<thead>
<tr>
<th>Current (A)</th>
<th>Curve</th>
<th>A type</th>
<th>Type</th>
<th>I∆n (mA)</th>
<th>Icn (A) Curve</th>
<th>In (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>C</td>
<td>A type</td>
<td>RM4</td>
<td>4 poles</td>
<td>RM4, PRO version</td>
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</tr>
</tbody>
</table>

**NOTE:** They are also compatible with RCBOs 1P+N and 2-pole (MDC 1P+N and 2P).

The reclosing device must be powered at 230V AC phase-neutral in order to work properly.
RESTART AUTOTEST - TECHNICAL DATA

Add-on residual current device BD 4-pole

<table>
<thead>
<tr>
<th>Curve</th>
<th>In (A)</th>
<th>Icn ≤ 6000 A</th>
<th>Icn ≤ 10000 A</th>
<th>Icn ≤ 20000 A</th>
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</thead>
<tbody>
<tr>
<td>10</td>
<td>GW 94 081</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>15</td>
<td>GW 94 084</td>
<td>-</td>
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<td>-</td>
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<tr>
<td>25</td>
<td>GW 94 088</td>
<td>-</td>
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<td>40</td>
<td>GW 94 091</td>
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<td>63</td>
<td>GW 94 093</td>
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<td>10</td>
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<td>GW 94 101</td>
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<tr>
<td>63</td>
<td>GW 94 113</td>
<td>-</td>
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</tbody>
</table>

ADD-ON RESIDUAL CURRENT DEVICE BD 4-POLE

3.5 mod.

Types of residual device and their technical data:

- **GW 90 093**
  - 4 mod.
- **MCB MT 4-POLE**
  - 4 mod.

**Note:** they are also compatible with MCBs, MDCs, MTs, MCBs and RCBOs, 3P+N, 2 and 3 poles. This device may be used independently of any other residual current protection device.

RESTART RM TOP - SELECTION GUIDE

Self-reclosing device with/without circuit safety and/or short-circuit check.

**Devices to be coupled with RCBOs and add-on RCBOs 4-poles:**

**GWB 90 095**
- 4 mod.

**MCB MT 4-POLE**
- 4 mod.

**NOTE:**
- They are also compatible with MCBs, MDCs, MTs, MCBs and BD add-on RCDs, 1P+N, 2 and 3 poles.
- The reclosing device must be processor at 230V AC phase-neutral in order to work properly.
RESTART RD - TECHNICAL DATA

TYPE

ReStart Rd 2P  ReStart Rd PRO 2P  ReStart Rd PRO 4P

- Electrical characteristics
- Reference Standards:
- Distribution system: -
- Rated operating voltage (Us): (V)
- Minimum operating voltage (min Us): (V)
- Maximum operating voltage (max Us): (V)
- Rated insulation voltage (Ue): (V)
- Dielectric strength fault voltage between pole and earth: (V)
- Rated impulse withstand voltage (Uimp): (kV)
- Rated voltage category: -
- Rated frequency: (Hz)
- Residual-making and breaking capacity (Smb):
- Four of the associated circuit breaker
- Rated conditional residual short-circuit current with fuse:
- Number of poles:
- Type of GDP residual current circuit breaker:
- Rated current (In):
- Rated residual operating current (I∆r):
- Rated non-operating resistance between live parts and earth (Rdo):
- Rated non-operating resistance between live parts and earth (Rd):
- Rated residual operating current (I∆n):
- Rated insulation voltage (Ui):
- Terminal section:
- Operating temperature: (°C)
- Operating mode:
- Operating frequency: (Hz)
- Rated operating voltage (Ue):
- Distribution system:
- Overvoltage category:
- Rated frequency: (Hz)
- Auxiliary contact for remote operating status access:
- Activation / exclusion of ReStart function:
- Auxiliary contact for remote operating status access:
- Internal electrical protection:

- Mechanical characteristics
- Width in DIN module:
- Rectifying time: (ms)
- Maximum operating frequency: (min-1)
- Max mechanical endurance (total no. operations):
- Counter reset time no. of consecutive automatic reclosure operations:
- Section of circuit breaker terminals:
- Circuit breaker rated lightning time:
- Assembly position:
- Circuit breaker degree of protection:
- Polarity rating:
- Operation temperature: (°C)
- Storage temperature: (°C)
- Tropocalisation:

- Auxiliary contact characteristics
- Available with auxiliary contact:
- Type of contact:
- Operating voltage: (V)
- Operating current: (mA)
- Operating frequency: (Hz)
- Category of use:
- Operating mode:
- Terminal section:
- Rated lightning time:
- ReFinder function:
- Automatic reclosure for undelayed tripping:
- Earth failure test:
- Continuous system check:
- Interruption of reclosure operation in the event of a fault:
- Signalling of reclosure operation in progress:
- Light signalling of failure:
- Activation / exclusion of ReStart function:
- Auxiliary contact for remote operating status access:
- Internal electrical protection:

- Electrical characteristics
- Reference Standards:
- Distribution system:
- Rated operating voltage (Ue): (V)
- Minimum operating voltage (min Us): (V)
- Maximum operating voltage (max Us): (V)
- Rated insulation voltage (Ue): (V)
- Dielectric strength fault voltage between pole and earth:
- Rated impulse withstand voltage (Uimp):
- Overvoltage category:
- Rated frequency: (Hz)
- Residual-making and breaking capacity (Smb):
- Rated residual operating current (I∆r):
- Rated non-operating resistance between live parts and earth (Rdo):
- Rated non-operating resistance between live parts (Rdo):
- Rated residual operating current (I∆n):
- Rated insulation voltage (Ui):
- Terminal section:
- Operating temperature: (°C)
- Operating mode:
- Operating frequency: (Hz)
- Rated operating voltage (Ue):
- Distribution system:
- Overvoltage category:
- Rated frequency: (Hz)
- Auxiliary contact for remote operating status access:
- Activation / exclusion of ReStart function:
- Auxiliary contact for remote operating status access:
- Internal electrical protection:

- Mechanical characteristics
- Width in DIN module:
- Rectifying time: (ms)
- Maximum operating frequency: (min-1)
- Max mechanical endurance (total no. operations):
- Counter reset time no. of consecutive automatic reclosure operations:
- Section of circuit breaker terminals:
- Circuit breaker rated lightning time:
- Assembly position:
- Circuit breaker degree of protection:
- Polarity rating:
- Operation temperature: (°C)
- Storage temperature: (°C)
- Tropocalisation:

- Auxiliary contact characteristics
- Available with auxiliary contact:
- Type of contact:
- Operating voltage: (V)
- Operating current: (mA)
- Operating frequency: (Hz)
- Category of use:
- Operating mode:
- Terminal section:
- Rated lightning time:
- ReFinder function:
- Automatic reclosure for undelayed tripping:
- Earth failure test:
- Continuous system check:
- Interruption of reclosure operation in the event of a fault:
- Signalling of reclosure operation in progress:
- Light signalling of failure:
- Activation / exclusion of ReStart function:
- Auxiliary contact for remote operating status access:
- Internal electrical protection:

- Electrical characteristics
- Reference Standards:
- Distribution system:
- Rated operating voltage (Ue): (V)
- Minimum operating voltage (min Us): (V)
- Maximum operating voltage (max Us): (V)
- Rated insulation voltage (Ue): (V)
- Dielectric strength fault voltage between pole and earth:
- Rated impulse withstand voltage (Uimp):
- Overvoltage category:
- Rated frequency: (Hz)
- Residual-making and breaking capacity (Smb):
- Rated residual operating current (I∆r):
- Rated non-operating resistance between live parts and earth (Rdo):
- Rated non-operating resistance between live parts (Rdo):
- Rated residual operating current (I∆n):
- Rated insulation voltage (Ui):
- Terminal section:
- Operating temperature: (°C)
- Operating mode:
- Operating frequency: (Hz)
- Rated operating voltage (Ue):
- Distribution system:
- Overvoltage category:
- Rated frequency: (Hz)
- Auxiliary contact for remote operating status access:
- Activation / exclusion of ReStart function:
- Auxiliary contact for remote operating status access:
- Internal electrical protection:

- Mechanical characteristics
- Width in DIN module:
- Rectifying time: (ms)
- Maximum operating frequency: (min-1)
- Max mechanical endurance (total no. operations):
- Counter reset time no. of consecutive automatic reclosure operations:
- Section of circuit breaker terminals:
- Circuit breaker rated lightning time:
- Assembly position:
- Circuit breaker degree of protection:
- Polarity rating:
- Operation temperature: (°C)
- Storage temperature: (°C)
- Tropocalisation:

- Auxiliary contact characteristics
- Available with auxiliary contact:
- Type of contact:
- Operating voltage: (V)
- Operating current: (mA)
- Operating frequency: (Hz)
- Category of use:
- Operating mode:
- Terminal section:
- Rated lightning time:
- ReFinder function:
- Automatic reclosure for undelayed tripping:
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- Rated operating voltage (Ue): (V)
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- Rated insulation voltage (Ui):
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- Operating temperature: (°C)
- Operating mode:
- Operating frequency: (Hz)
- Rated operating voltage (Ue):
- Distribution system:
- Overvoltage category:
- Rated frequency: (Hz)
- Auxiliary contact for remote operating status access:
- Activation / exclusion of ReStart function:
- Auxiliary contact for remote operating status access:
- Internal electrical protection: