



RCCB with automatic reclosing device

REC 3 REC 3C




INSTRUCTION MANUAL


(M98252001-03-18A)




SAFETY PRECAUTIONS


Follow the warnings described in this manual with the symbols shown below.

	<p>DANGER Warns of a risk, which could result in personal injury or material damage.</p>
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	<p>ATTENTION Indicates that special attention should be paid to a specific point.</p>
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If you must handle the unit for its installation, start-up or maintenance, the following should be taken into consideration:

	<p>Incorrect handling or installation of the unit may result in injury to personnel as well as damage to the unit. In particular, handling with voltages applied may result in electric shock, which may cause death or serious injury to personnel. Defective installation or maintenance may also lead to the risk of fire. Read the manual carefully prior to connecting the unit. Follow all installation and maintenance instructions throughout the unit's working life. Pay special attention to the installation standards of the National Electrical Code.</p>
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	<p>Refer to the instruction manual before using the unit In this manual, if the instructions marked with this symbol are not respected or carried out correctly, it can result in injury or damage to the unit and /or installations.</p>
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CIRCUTOR, SA reserves the right to modify features or the product manual without prior notification.


DISCLAIMER

CIRCUTOR, SA reserves the right to make modifications to the device or the unit specifications set out in this instruction manual without prior notice.

CIRCUTOR, SA on its web site, supplies its customers with the latest versions of the device specifications and the most updated manuals.

www.circutor.com



	<p>CIRCUTOR, recommends using the original cables and accessories that are supplied with the device.</p>
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REVISION LOG

Table 1: Revision log.

Date	Revision	Description
03/15	M98252001-03-15A	Initial Version
02/16	M98252001-03-16A	Changes in the following sections: 2.- 3.5. - 5.2. - 5.2.1. - 7
05/18	M98252001-03-18A	Changes in the following sections: 2. - 3.5. - 5.2.1. - 5.2.2. - 10.

Note: The images of the devices are solely for the purpose of illustration and may differ from the original device.

1.- VERIFICATION UPON RECEPTION

Check the following points when you receive the device:

- a) The device meets the specifications described in your order.
- b) The device has not suffered any damage during transport.
- c) Perform an external visual inspection of the device prior to switching it on.
- d) Check that it has been delivered with the following:
 - Installation guide



If any problem is noticed upon reception, immediately contact the transport company and/or **CIRCUTOR's** after-sales service.

2.- PRODUCT DESCRIPTION

The **REC 3** is an RCCB with an automatic reclosing device designed to protect people against earth leakage current.

There are 4 models:

- ✓ **REC 3C 2 poles**, for single phase installations controlled by a 2-pole RCCB.
With 2 outputs to indicate the RCCB status and that reclosing sequence has finished.
- ✓ **REC 3C 4 poles**, for three-phase installations controlled by a 4-pole RCCB.
With 2 outputs to indicate the RCCB status and that reclosing sequence has finished.
- ✓ **REC 3 2 poles**, for single phase installations controlled by a 2-pole RCCB.
- ✓ **REC 3 4 poles**, for three-phase installations controlled by a 4-pole RCCB.

These models can be rated at 30 mA or 300 mA, depending on the setpoint current of the RCCBs. Such a feature is configured by the device model.

The device uses two automatic reclosing methods:

- ✓ **Insulation** method, in 30mA models.
- ✓ **Time** method, by in 300mA models.

Table 2:relationship models REC 3

Model	Description	Nr of poles	Rated current	Sensitivity	Reclosing method	Nr reclosures
P26121	REC3-2P-40-30M	2	40 A	30 mA	Insulation	3
P26131	REC3-2P-63-30M	2	63 A	30 mA	Insulation	3
P26123	REC3-2P-40-300T	2	40 A	300 mA	Time	3
P26133	REC3-2P-63-300T	2	63 A	300 mA	Time	3
P26221	REC3-4P-40-30M	4	40 A	30 mA	Insulation	3
P26231	REC3-4P-63-30M	4	63 A	30 mA	Insulation	3
P26223	REC3-4P-40-300T	4	40 A	300 mA	Time	3
P26233	REC3-4P-63-300T	4	63 A	300 mA	Time	3

Table 3:relationship models REC 3C

Model	Description	Nr of poles	Rated current	Sensitivity	Reclosing method	Nr reclosures
P26811	REC3C-2P-40-30M	2	40 A	30 mA	Insulation	3
P26814	REC3C-2P-63-30M	2	63 A	30 mA	Insulation	3
P26721	REC3C-2P-40-300T	2	40 A	300 mA	Time	3
P26724	REC3C-2P-63-300T	2	63 A	300 mA	Time	3
P26812	REC3C-4P-40-30M	4	40 A	30 mA	Insulation	3
P26815	REC3C-4P-63-30M	4	63 A	30 mA	Insulation	3
P26722	REC3C-4P-40-300T	4	40 A	300 mA	Time	3
P26725	REC3C-4P-63-300T	4	63 A	300 mA	Time	3

2.1.- REC 3C 2 poles

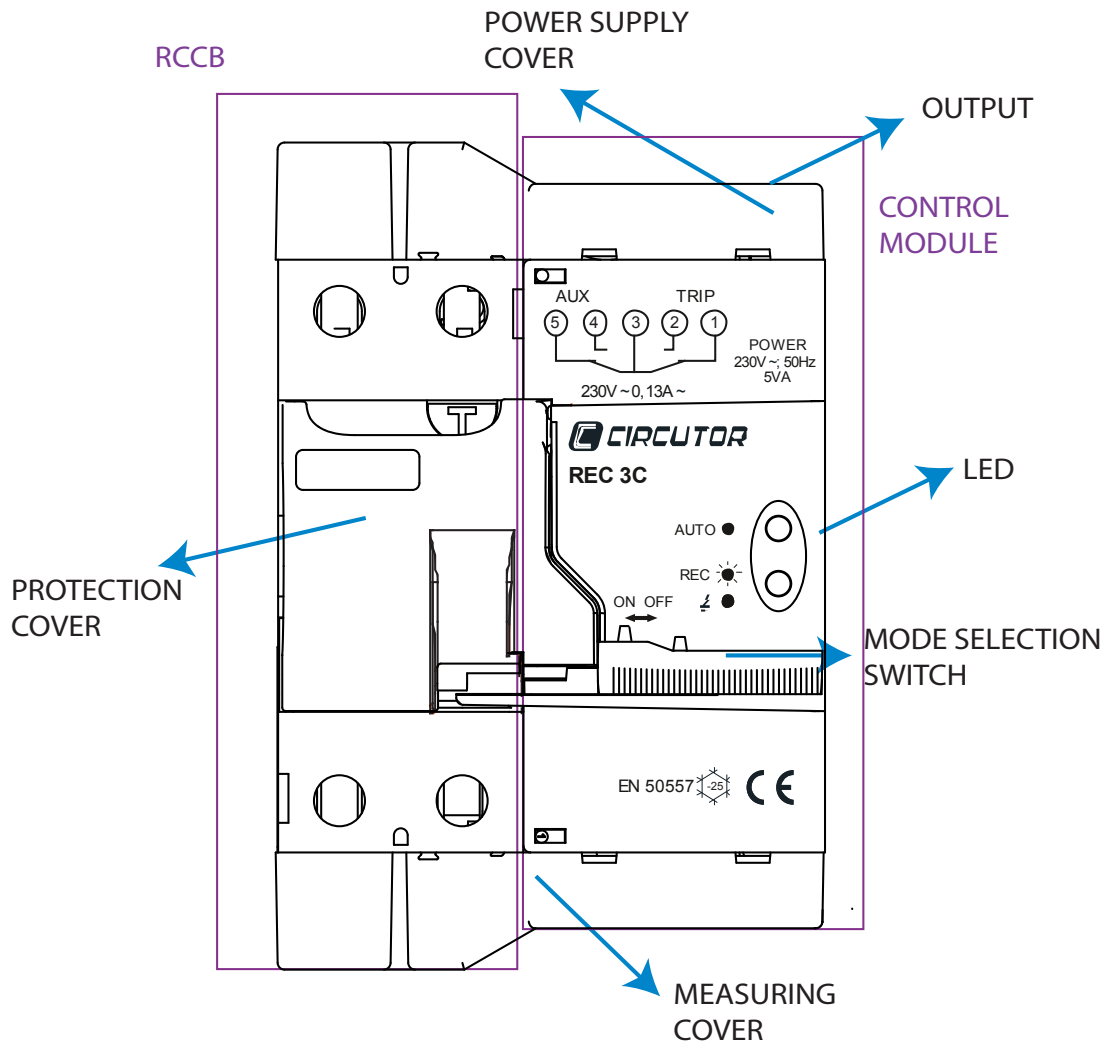


Figure 1: Description of the REC 3C 2 poles.

The device features (Figure 1):

- **2 LEDs** that indicate the status of the **REC 3C**.
- **Protection cover** for the reclosing system.
- **Mode selection switch** to select between Manual and Automatic operating mode and physically lock the reclosing device.
- **2 outputs** to indicate the RCCB status and that reclosing sequence has finished.

The power supply and measuring connections between the control module and the RCCB are cabled; the device comes with 2 covers for these connections.

2.2.- REC 3C 4 poles

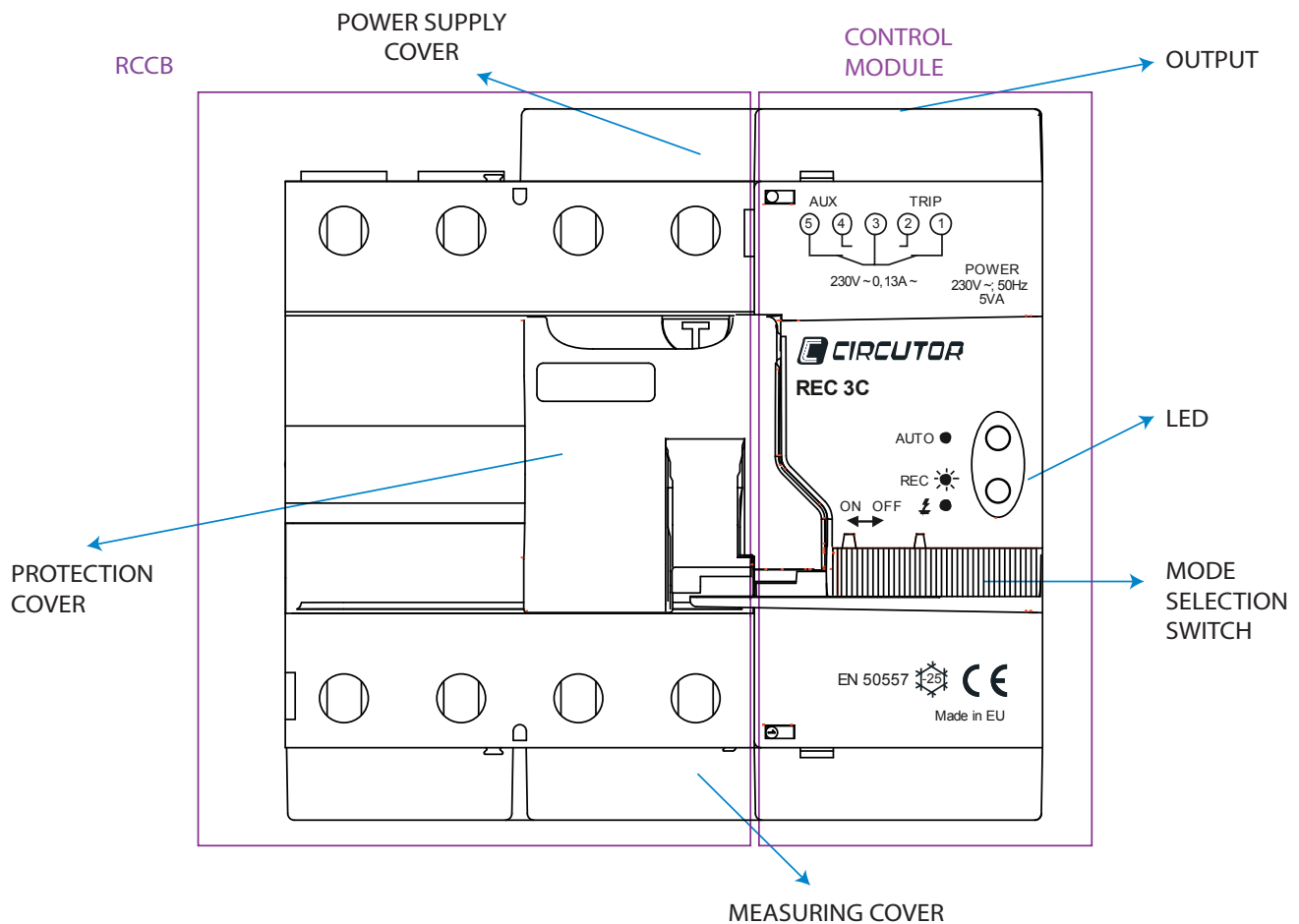


Figure 2: Description of the REC 3C 2 poles.

The device features (Figure 2):

- **2 LEDs** that indicate the status of the **REC 3C**.
- **Protection cover** for the reclosing system.
- **Mode selection switch** to select between Manual and Automatic operating mode, and to physically lock the reclosing device.
- **2 outputs** to indicate the RCCB status and that reclosing sequence has finished.

The power supply and measuring connections between the control module and the RCCB come factory-cabled and cannot be modified.

2.3.- REC 3 2 poles

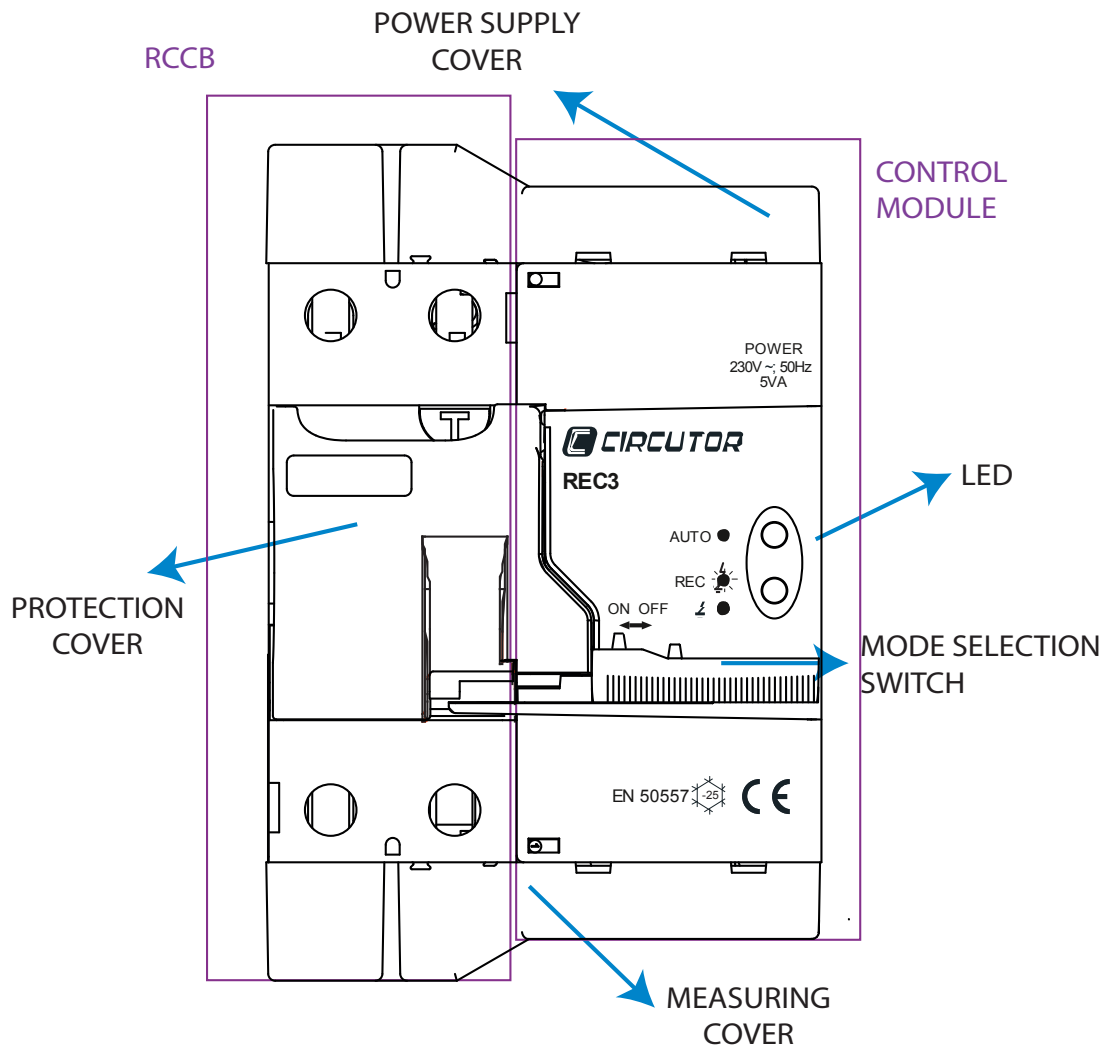


Figure 3: Description of the REC 3 2 poles.

The device features (Figure 3):

- **2 LEDs** that indicate the status of the **REC 3**.
- **Protection cover** for the reclosing system.
- **Mode selection switch** to select between Manual and Automatic operating mode, and to physically lock the reclosing device.

The power supply and measuring connections between the control module and the RCCB are cabled; the device comes with 2 covers for these connections.

2.4.- REC 3 4 poles

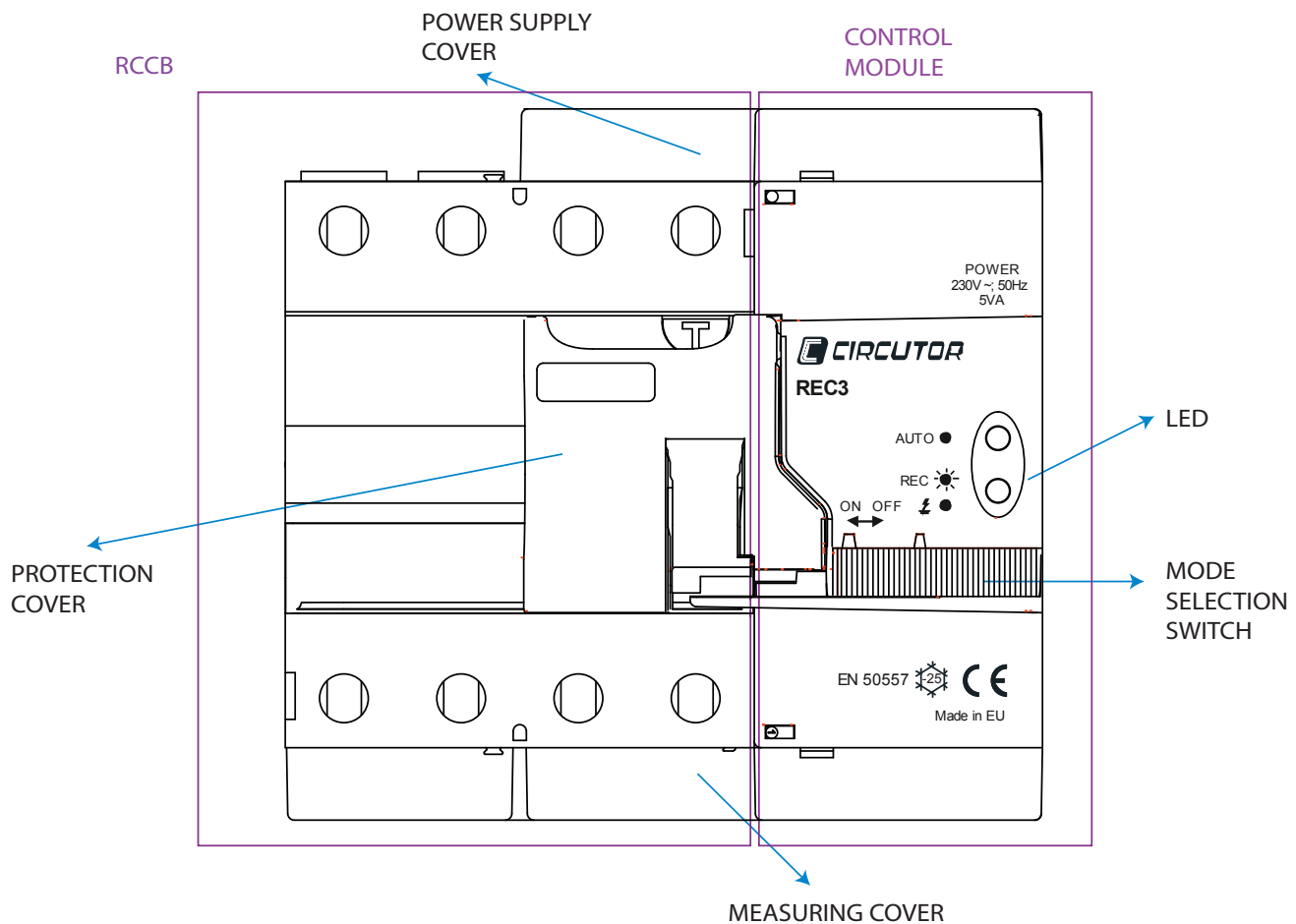


Figure 4: Descripción del REC3 4 poles.

The device features (Figure 4):

- **2 LEDs** that indicate the status of the **REC 3**.
- **Protection cover** for the reclosing system.
- **Mode selection switch** to select between Manual and Automatic operating mode, and to physically lock the reclosing device.

The power supply and measuring connections between the control module and the RCCB are cabled; the device comes with 2 covers for these connections.

3.- DEVICE INSTALLATION

3.1.- PRIOR RECOMMENDATIONS



In order to use the unit safely, it is critical that those who handle it follow the safety measures set out in the standards of the country where it is being used, use the necessary personal protective equipment and pay attention to the various warnings indicated in this instruction manual.

The **REC 3** unit must be installed by authorised and qualified staff.

Also, it is critical to keep the cables in perfect condition in order to avoid accidents, personal injury and damage to installations.

The manufacturer of the unit is not responsible for any damages resulting from failure by the user or installer to heed the warnings and/or recommendations set out in this manual, nor for damages resulting from the use of non-original products or accessories or those made by other manufacturers.

If you detect any operational faults in the unit or in its protection system, remove the unit from service.

This unit has been designed for easy replacement in case of malfunction.



Disable the automatic reclosing function and disconnect the main protection device before handling active parts.



Please contact the after-sales service if you suspect that there is an operational fault in the unit.

3.2.- INSTALLATION



Do not use the unit until it is fully installed.

The **REC 3** is a unit specifically designed to be installed in electric panels or enclosures, with DIN rail fixing elements (IEC 60715).

To install the unit on a DIN rail (**Figure 5**) :

- 1.- Place the unit at the top of the DIN rail.
- 2.- Swing the **REC 3** downwards until it is secured to the lower section of the DIN rail.
- 3.- Make sure that it has been secured on the rail.

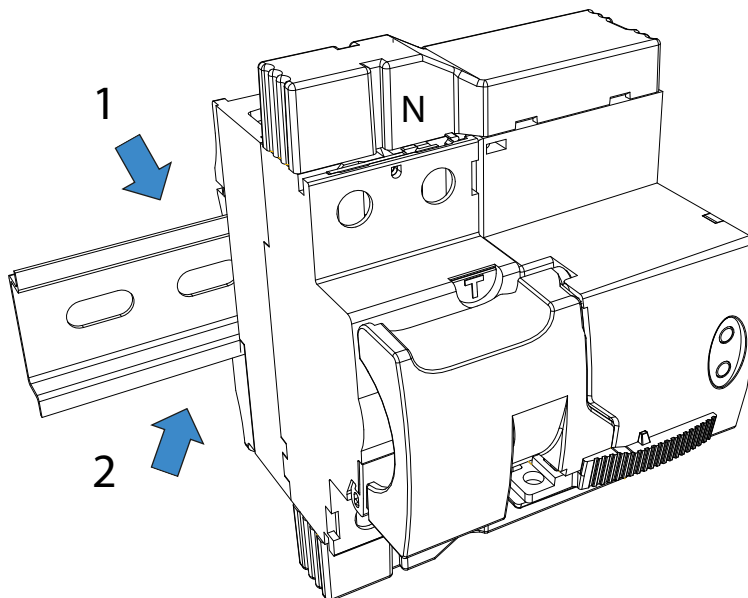


Figure 5: Installing the REC 3 on a DIN rail.

REC 3 2 poles, REC 3 4 poles and REC 3C 2 poles: The connections between the control module and the RCCB are made by tightening the screws on the power supply and output terminals. Once the screws have been tightened, remove the cover to verify correct connection. Press on the fixing windows with a flat head screwdriver to remove the cover from the top of the connections. (Figure 6)

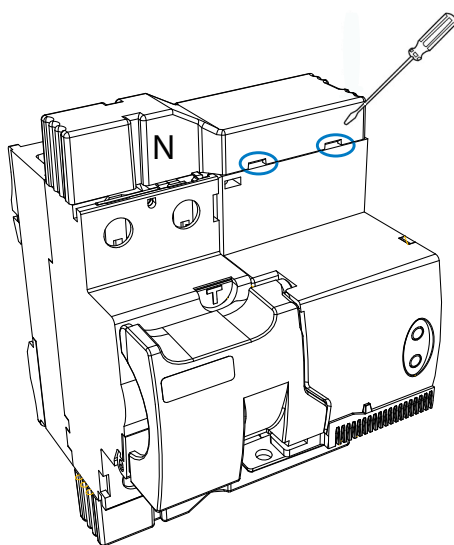


Figure 6: Press on the windows with a screwdriver to remove the connections cover.

3.3.- CONNECTION, REC 3 2 poles y REC 3C 2 poles

The **REC 3** must be connected to a power circuit protected with miniature circuit breakers, in accordance with its power supply range and consumption. In turn, the power circuit must be fitted with a circuit breaker switch or an equivalent device in order to be able to disconnect the unit from the power supply mains.

In single-phase installations (phase and neutral, L and N), the supply cables are connected up top and the cables from the protected loads are connected below. The system will not work if they are wired in reverse order.

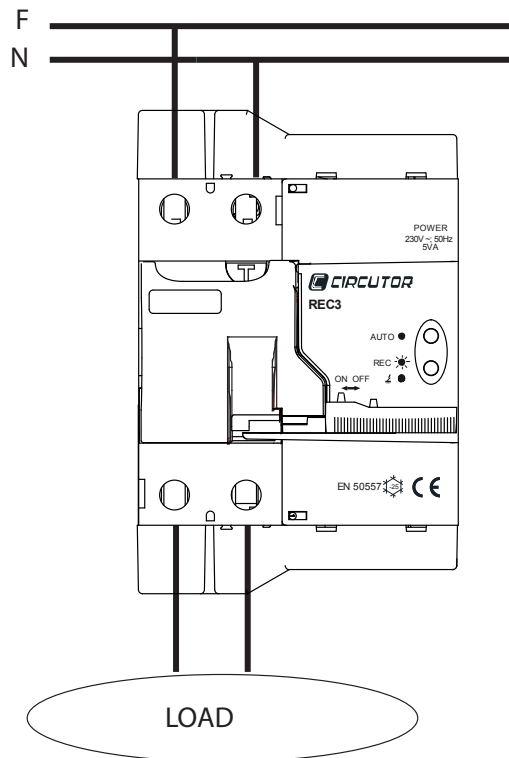


Figure 7: Connection diagram for : REC 3 2 poles and REC 3C 2 poles.

Note: Cross-section of the cable: 16 - 25mm²

	<p>Terminals, opening covers or removing elements can expose parts that are hazardous to the touch while the unit is powered</p>
	<p>If the REC 3 indicates a permanent failure (AUTO and REC LEDs are lit), you must check the RCCB and the installation.</p>
	<p>If the installation of the unit is done with the RCCB in the OFF state, when panel receives voltage the unit will not activate the automatic reclosing system for safety reasons. The AUTO and REC LED turn on after a few seconds. A manual reclosing of the system must be done on the panel with voltage.</p>

3.4.- CONNECTION, REC 3 4 poles and REC 3C 4 poles

The **REC 3** must be connected to a power circuit protected with miniature circuit breakers, in accordance with its power supply range and consumption. In turn, the power circuit must be fitted with a circuit breaker switch or an equivalent device, in order to be able to disconnect the unit from the power supply mains.

In three-phase installations (the three phases L1, L2 and L3), or three-phase installations with neutral (L1, L2, L3 and N), the supply cables are connected up top and the cables from the protected loads are connected below.

If they are wired in reverse order the system will not work.

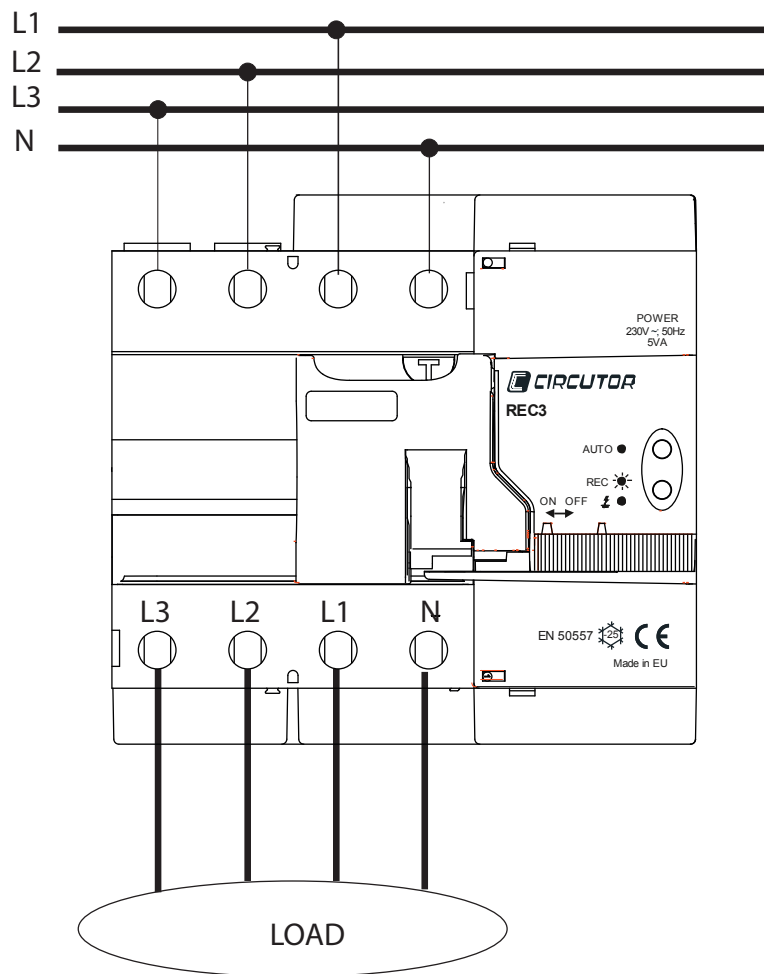




Figure 8: Connection diagram for the REC 3 4 poles and REC 3C 4 poles.

Note: Cross-section of the cable: 16 - 25mm²



Terminals, opening covers or removing elements can expose parts that are hazardous to the touch while the unit is powered

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If the **TELE REC 2** indicates a permanent failure (**AUTO** and **REC** LEDs are lit), you must check the RCCB and the installation
- 

If the installation of the unit is done with the RCCB in the OFF state, when panel receives voltage the unit will not activate the automatic reclosing system for safety reasons. The **AUTO** and **REC** LED turn on after a few seconds. A manual reclosing of the system must be done on the panel with voltage.

3.5.- OUTPUTS: REC 3C 2 poles and REC 3C 4 poles

In **Figure 9** we see the connection of the 2-pole changeover contacts on the **REC 3C 2 poles** and **REC 3C 4 poles**

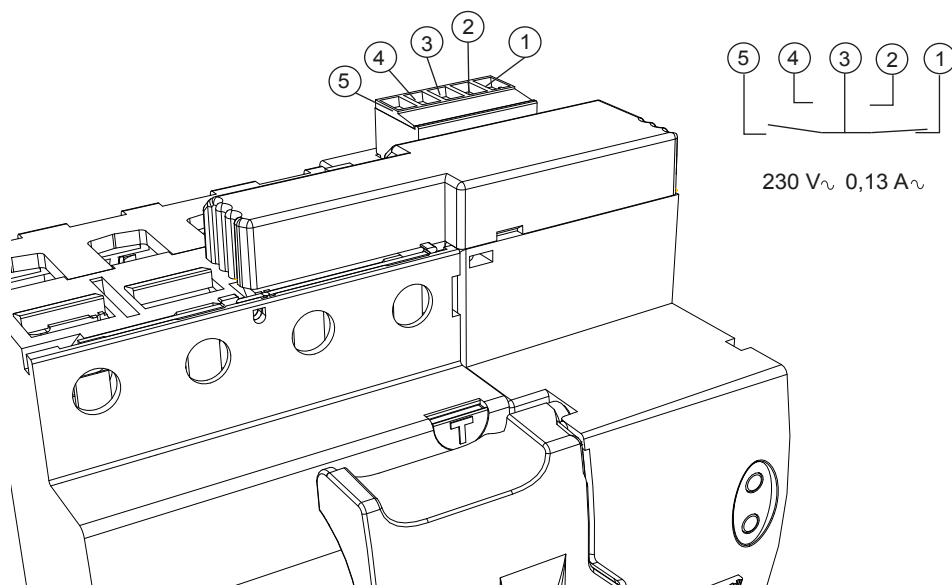


Figure 9: Connection of pole changeover contacts for the REC 3C 2 poles and REC 3C 4 poles.

Pole changeover contact terminals **Table 4**,

Table 4: Pole changeover contact terminals for the 4-pole and 4-poles REC 3C

RCCB Estatus		Signalling RCCB Status
OFF		Terminals 3-5 closed contact. Terminals 3-4 open contact.
ON		Terminals 3-5 open contact. Terminals 3-4 closed contact.
Model	RCCB Status	Signalling Locked Status
3 reclosures	OFF/ON No reclosures ≤ 3	Terminals 3-1 closed contact. Terminals 3-2 open contact.
	OFF No reclosures > 3	Terminals 3-1 open contact. Terminals 3-2 closed contact.

4.- START-UP

Once the unit is installed you must carry out the following start-up sequence for it to work properly.

4.1.- AUTOMATIC MODE

If the unit is going to operate in automatic mode, see Section “**5.2.- AUTOMATIC**” . The start-up sequence is:

- 1.- Put the mode selector switch in Manual Mode (OFF).
- 2.- Lift the RCCB cover.
- 3.- Put the RCCB contact in ON mode.
- 4.- Lower the RCCB cover.
- 5.- Put the mode selector switch in Automatic Mode (ON).

Note: *The switch has an M2 hole where you can attach a seal or a padlock to block access to the RCCB and any other attempts at manual reclosing (Figure 10).*

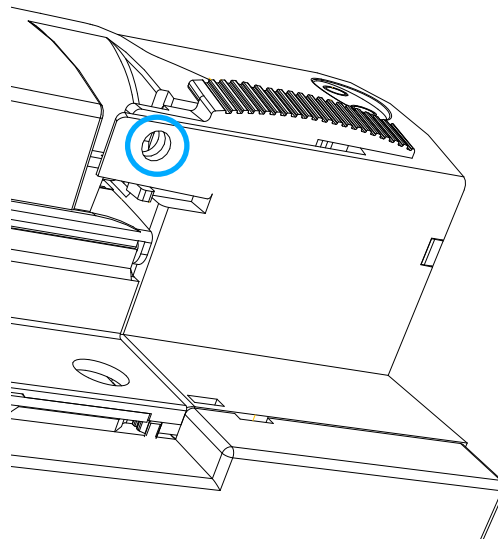


Figure 10: Switch's M2 hole to seal access to the RCCB.

4.2.- MANUAL MODE

If the unit is going to operate in manual mode, see Section “**5.1.- MANUAL**” . The start-up sequence is:

- 1.- Put the mode selector switch in Manual Mode (OFF).
- 2.- Lift the RCCB cover.
- 3.- Put the RCCB contact in OFF mode.
- 4.- Lower the RCCB cover (optional).

5.- OPERATION

The unit has two operating modes, manual and automatic, which can be selected using the mode selector switch.

5.1.- MANUAL

The **REC 3** can operate in manual mode as if it were a standard RCCB.

To operate in this mode, the mode selector switch must be all the way to the right, in OFF position, to disable the unit's automatic reclosing device. (**Figure 11**)

The RCCB must be reclosed manually.

The **AUTO** and **REC** LEDs are off.

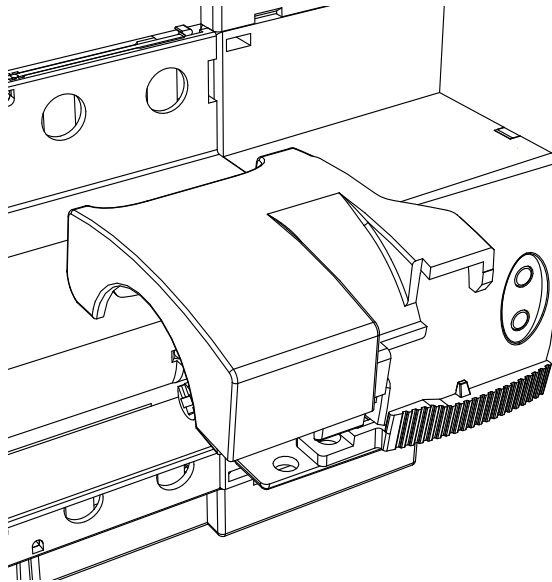


Figure 11: REC3 in manual mode, with mode selector switch at OFF.

5.2.- AUTOMATIC

To operate in Automatic mode, the mode selector switch must be all the way to the left, in ON position, to enable the unit's automatic reclosing system. (**Figure 12**)

The **AUTO** LED is constantly lit and the **REC** LED lights up based on the unit's status.

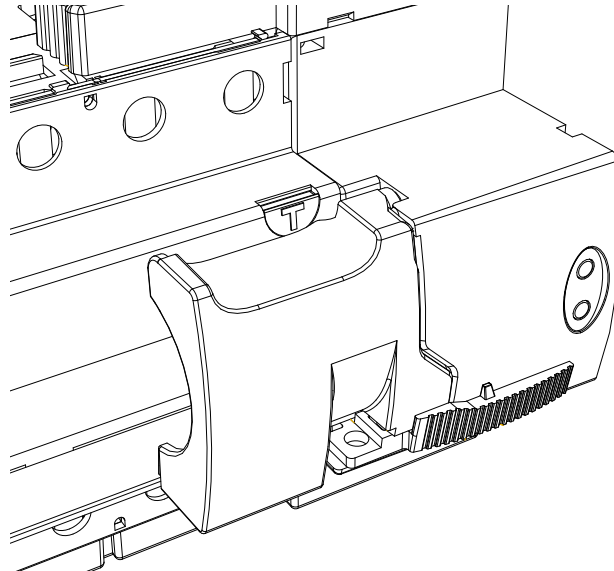


Figure 12: REC 3 in automatic mode, with mode selector switch at ON.

The **REC 3** allows two modes of automatic reclosing:

- **M Mode, by insulation**, (**REC 3** of 30 mA) the unit does not reclose until the leakage has disappeared.
- **T Mode, by time**, (**REC 3** of 300 mA) the unit reclose the system, independently of the leakage.

By default, automatic reclosing method by **time**.

5.2.1.- RECLOSING DEVICE BY INSULATION, M MODE

Following a time delay after a disconnection due to an RCCB trip, the **REC 3** makes a measurement to check whether there is a leakage current. If there is none it begins to reclose.

The **REC 3** attempts a maximum of 3 measurements to check the leakage current; following this the unit stays locked and does not automatically reclose.

If the time between a reclosure and the next trip is greater than the restart time, the reclosing attempts start over at zero.

The delay and restart times depend on the number of attempts the reclosing device has made, as shown in **Table 5**.

Table 5: 3 reclosures model :Delay and Restart Times.

	Reclosures					
	1		2		3	
	Delay	Restart	Delay	Restart	Delay	Restart
REC3	<3 sec.	10 sec.	20 sec.	20 sec.	180 sec.	60 sec.

The leakage current will be supervised by measuring the resistance downstream of the tripped RCCB.

5.2.2.- RECLOSING DEVICE BY TIME, T MODE

Following a time delay after a disconnection due to an RCCB trip, the **REC 3** begins to reclose. If there is leakage, the unit will trip..

The **REC 3** attempts a maximum of 3 reclosures; following this the unit stays locked and does not automatically reclose.

If the time between a reclosure and the next trip is greater than the restart time, the reclosing attempts start over at zero.

The delay and restart times depend on the number of attempts the reclosing device has made, as shown in **Table 5**.

5.2.3.- RESTARTING THE RECLOSING SYSTEM METER

There are two ways to restart the internal reclosing system meter:

- **Manually**, by moving the mode selector switch from ON to OFF position and back to ON.
- **Automatically**, when the restart time elapses after the last reclosing without tripping again.

5.2.4.- RESET

In case of blocking of the **REC3**, the reset sequence is:

- 1.- Put the mode selector switch in Manual Mode (OFF).
- 2.- Lift the RCCB cover.
- 3.- Put the RCCB contact in ON mode.
- 4.- Lower the RCCB cover.
- 5.- Put the mode selector switch in Automatic mode (ON).

Note : *The switch has an M2 hole where you can attach a seal or a padlock to block access to the RCCB and any other attempts at manual reclosing.(Figura 10).*

5.3.- LED

The unit has two LEDs: **AUTO** in green and **REC** in red, which indicate the status of the **REC 3** at all times. (Table 6)

Table 6: LED indications.

AUTO	REC	Operating mode	RCCB status
Power off	Power off	Manual	-
		Unit is manual operating mode. There is no power to the REC 3	
Power on	Power off	Automatic	ON
		No reclosing sequence has been initiated.	
Power on	Slow flashing	Automatic	OFF
		Reclosing sequence initiated: Time delay of the rearm sequence.	
Power on	Fast flash- ing	Automatic	OFF
		Reclosing sequence initiated: Monitoring the leakage current.	
Power on	Power on	Automatic	OFF
		The maximum number of reclosures has been reached. The installation is in permanent failure mode	
Fast flash- ing	Fast flash- ing	Alarm	-
		Operating error, contact the SAT.	

5.4.- OUTPUTS (Only for the REC 3C 2 poles and REC 3C 4 poles)

There are 2 pole changeover contacts joined together to signal the following statuses:

- **Position status** (terminals 3, 4 and 5) indicates the RCCB position: ON or OFF.
- **Lock status** (terminals 1, 2, and 3) indicates that the maximum number of reclosures has been reached and the installation is in permanent failure status.

6.- MAINTENANCE

The RCCB must be checked frequently.

Test sequence (**Figure 13**):

- 1.- Press the TEST key
- 2.- Check that the RCCB jumps to **OFF** position.

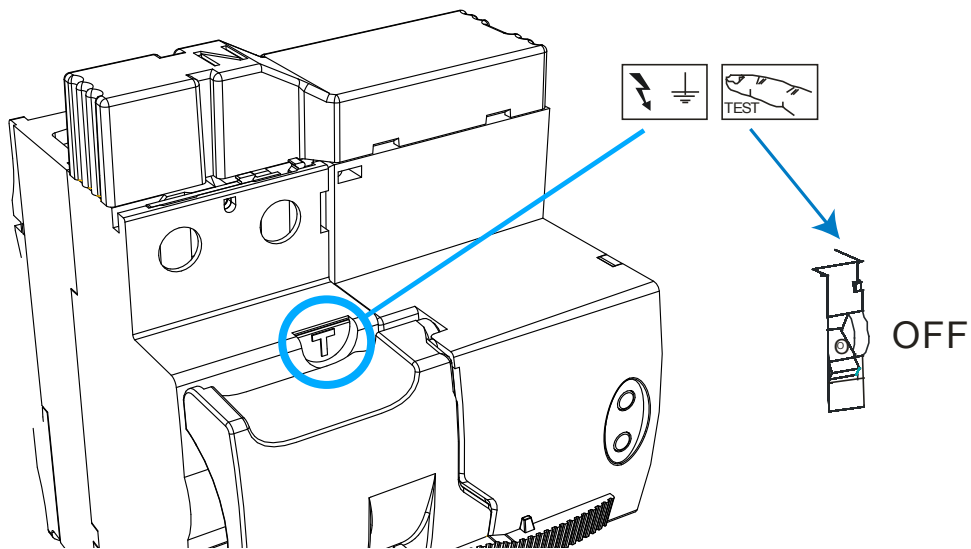


Figure 13: RCCB Test Sequence.



In the event of a Test sequence failure, contact the after-sales service.

7.- TECHNICAL FEATURES

Power supply	
Rated voltage	230V ~
Tolerance	-15%, +15%
Frequency	50Hz - 60Hz , ±5%
Maximum power consumption	5VA
Installation category	CAT III 300V

RCCB		
Rated voltage	230V ~	
Rated current	40 / 63 A	
Sensitivity, I Δ n	30 mA or 300 mA	
Resistance to surges	class A , AC: 250A 8/20 μ s class S: 3000A 8/20 μ s	
Resistance to short-circuits	Inc : 10000A to 230/400V with gB 80A fuse	
Class	A (IEC 61008.1)	
Number of poles	REC 3- REC 3C 2 poles	REC 3 - REC 3C 4 poles
	2	4
Rated marking and breaking capacity	I _m : 500 A	
Working frequency	50 / 60 HZ	

Measurement circuit		
The leakage current will be supervised by measuring the resistance downstream of the RCCB.		
Sensitivity	Rd and Rd0	RCCB response
30 mA	Rd < 15 K Ω	no reclose
	Rd0 > 23 K Ω	reclose
300 mA	Rd < 2.5 K Ω	no reclose
	Rd0 > 5.0 K Ω	reclose

Outputs (REC 3C models)	
Type	2 switched contacts
Rated voltage	230 ~
Maximum current	0.13A
Nominal power	30 VA

User interface	
LEDs	2 LEDs: AUTO in green and REC in red

Environmental features	
Operating temperature	-25°C... +55°C
Storage temperature	- 35°C... +65°C
Relative humidity (non-condensing)	5 ... 95%
Maximum altitude	2000 m
Resistance to pollution	Category 2
Protection degree	IP 20

Mechanical features		
Models	REC 3- REC 3C 2 poles	REC 3 - REC 3C 4 poles
Weight	416 g	598 g
Material	V0 Polycarbonate plastic	
Box colour	RAL 7035	
Fixing	DIN rail	

A.- Dimensions of the REC 3 2 poles and REC 3C 2 poles

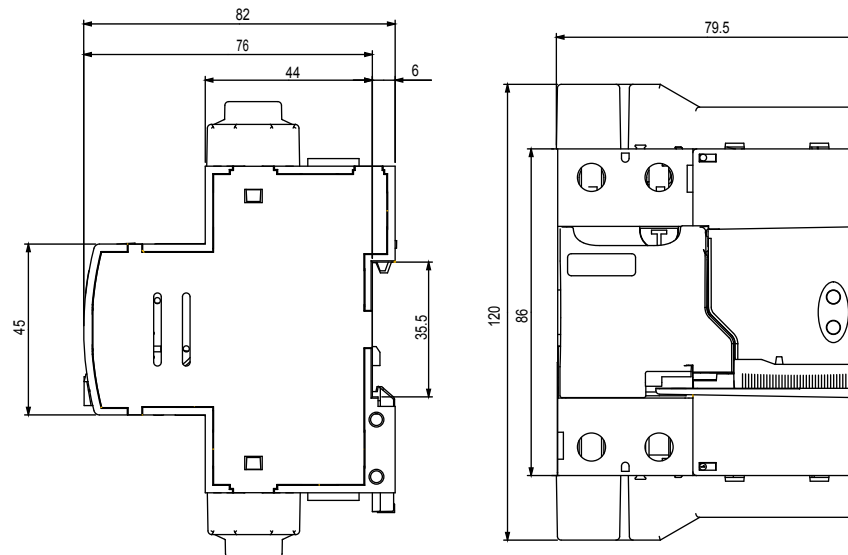


Figure 14:Dimensions : REC 3 2 poles and REC 3C 2 poles.

B.- Dimensions of the REC 3 4 poles and REC 3C 4 poles

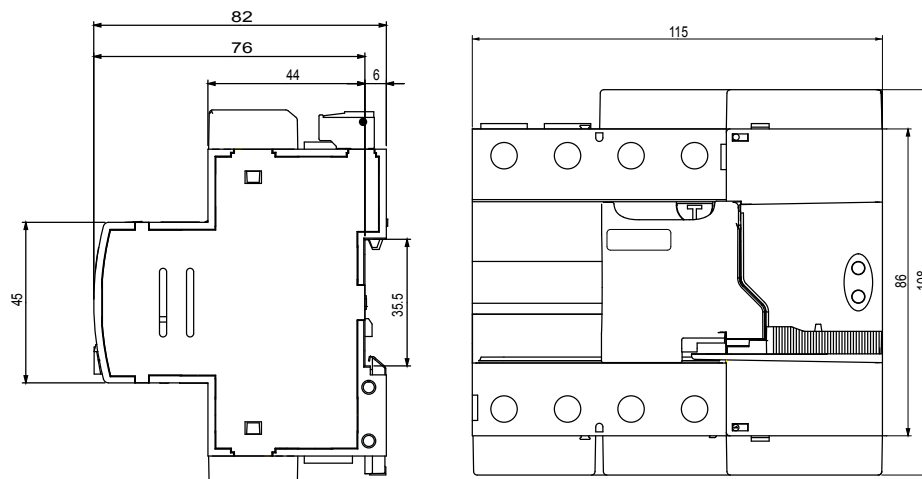


Figure 15:Dimensions : REC 3 4 poles and REC 3C 4 poles.

Standard	
Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's) -- Part 1: General rules	UNE-EN 61008-1:2004
Requirements for automatic reclosing devices (ARDs) for circuit breakers-RCBOs-RCCBs for household and similar uses	UNE-EN 50557:2012

8.- MAINTENANCE AND TECHNICAL SERVICE

In the case of any query in relation to device operation or malfunction, please contact the **CIRCUTOR, SA** Technical Support Service.

Technical Assistance Service

Vial Sant Jordi, s/n, 08232 - Viladecavalls (Barcelona)

Tel: 902 449 459 (España) / +34 937 452 919 (outside of Spain)

email: sat@circutor.com

9.- GUARANTEE

CIRCUTOR guarantees its products against any manufacturing defect for two years after the delivery of the units.

CIRCUTOR will repair or replace any defective factory product returned during the guarantee period.



- No returns will be accepted and no unit will be repaired or replaced if it is not accompanied by a report indicating the defect detected or the reason for the return.
- The guarantee will be void if the units has been improperly used or the storage, installation and maintenance instructions listed in this manual have not been followed. "Improper usage" is defined as any operating or storage condition contrary to the national electrical code or that surpasses the limits indicated in the technical and environmental features of this manual.
- **CIRCUTOR** accepts no liability due to the possible damage to the unit or other parts of the installation, nor will it cover any possible sanctions derived from a possible failure, improper installation or "improper usage" of the unit. Consequently, this guarantee does not apply to failures occurring in the following cases:
 - Overvoltages and/or electrical disturbances in the supply;
 - Water, if the product does not have the appropriate IP classification;
 - Poor ventilation and/or excessive temperatures;
 - Improper installation and/or lack of maintenance;
 - Buyer repairs or modifications without the manufacturer's authorisation.

10.- CE CERTIFICATE


DECLARACIÓN UE DE CONFORMIDAD

La presente declaración de conformidad se expide bajo la exclusiva responsabilidad de CIRCUTOR con dirección en Vial Sant Jordi, s/n – 08232 Viladecavalls (Barcelona) España

Producto:

Interruptor diferencial autorrearmable

Serie:

REC 3, REC 3C

Marca:

CIRCUTOR

EL objeto de la declaración es conforme con la legislación de armonización pertinente en la UE, siempre que sea instalado, mantenido y usado en la aplicación para la que ha sido fabricado, de acuerdo con las normas de instalación aplicables y las instrucciones del fabricante

2014/35/UE: Low Voltage Directive 2014/30/UE: Electromagnetic Compatibility Directive

2011/65/UE: RoHS2 Directive

Está en conformidad con la(s) siguiente(s) norma(s) u otro(s) documento(s) normativos(s):

EN 50557 : 2 0 1 1

Año de marcado "CE":

2013


EU DECLARATION OF CONFORMITY

This declaration of conformity is issued under the sole responsibility of CIRCUTOR with registered address at Vial Sant Jordi, s/n – 08232 Viladecavalls (Barcelona) Spain

Product:

RCCB with self-reclosing system

Series:

REC 3, REC 3C

Brand:

CIRCUTOR

The object of the declaration is in conformity with the relevant EU harmonisation legislation, provided that it is installed, maintained and used for the application for which it was manufactured, in accordance with the applicable installation standards and the manufacturer's instructions

2014/35/UE: Low Voltage Directive 2014/30/UE: Electromagnetic Compatibility Directive

2011/65/UE: RoHS2 Directive

It is in conformity with the following standard(s) or other regulatory document(s):

EN 50557 : 2 0 1 1

Year of CE mark:

2013


DÉCLARATION UE DE CONFORMITÉ

La présente déclaration de conformité est délivrée sous la responsabilité exclusive de CIRCUTOR dont l'adresse postale est Vial Sant Jordi, s/n – 08232 Viladecavalls (Barcelona) Espagne

Produit:

RCCB avec système de reconnexion type A

Série:

REC 3, REC 3C

Marque:

CIRCUTOR

L'objet de la déclaration est conforme à la législation d'harmonisation pertinente dans l'UE, à condition d'avoir été installé, entretenu et utilisé dans l'application pour laquelle il a été fabriqué, conformément aux normes d'installation applicables et aux instructions du fabricant

2014/35/UE: Low Voltage Directive 2014/30/UE: Electromagnetic Compatibility Directive

2011/65/UE: RoHS2 Directive

Il est en conformité avec la(les) suivante (s) norme(s) ou autre(s) document(s) réglementaire (s):

EN 50557 : 2 0 1 1

Année de marquage « CE »:

2013

Viladecavalls (Spain), 25/09/2017
General Manager: Ferran Gil Torné





CIRCUTOR, SA – Vial Sant Jordi, s/n
08232 Viladecavalls (Barcelona) Spain
(+34) 937 452 900 – info@circutor.com



KONFORMITÄTserklärung UE

Vorliegende Konformitätserklärung wird unter alleiniger Verantwortung von CIRCUTOR mit der Anschrift, Vial Sant Jordi, s/n – 08232 Viladecavalls (Barcelona) Spanien, ausgestellt

Produkt:

Differenzstromschutzschalter mit automatischer Wiedereinschaltung

Serie:

REC 3, REC 3C

Marke:

CIRCUTOR

Der Gegenstand der Konformitätserklärung ist konform mit der geltenden Gesetzgebung zur Harmonisierung der EU, sofern die Installation, Wartung und Verwendung der Anwendung seinem Verwendungszweck entsprechend gemäß den geltenden Installationsstandards und der Vorgaben des Herstellers erfolgt.

2014/35/UE: Low Voltage Directive 2014/30/UE: Electromagnetic Compatibility Directive

2011/65/UE: RoHS2 Directive

Es besteht Konformität mit der/den folgender/folgenden Norm/Normen oder sonstigem/Sonstiger Regelwerk/Regelwerken

E N 5 0 5 5 7 : 2 0 1 1

Jahr der CE-Kennzeichnung: 2013



DECLARAÇÃO DA UE DE CONFORMIDADE

A presente declaração de conformidade é expedida sob a exclusiva responsabilidade da CIRCUTOR com morada em Vial Sant Jordi, s/n – 08232 Viladecavalls (Barcelona) Espanha

Produto:

Interruptor diferencial com rearme automático

Série:

REC 3, REC 3C

Marca:

CIRCUTOR

O objeto da declaração está conforme a legislação de harmonização pertinente na UE, sempre que seja instalado, mantido e utilizado na aplicação para a qual foi fabricado, de acordo com as normas de instalação aplicáveis e as instruções do fabricante.

2014/35/UE: Low Voltage Directive 2014/30/UE: Electromagnetic Compatibility Directive

2011/65/UE: RoHS2 Directive

Está em conformidade com a(s) seguinte(s) norma(s) ou outro(s) documento(s) normativo(s):

E N 5 0 5 5 7 : 2 0 1 1

Ano de marcação "CE": 2013



DICHIARAZIONE DI CONFORMITÀ UE

La presente dichiarazione di conformità viene rilasciata sotto la responsabilità esclusiva di CIRCUTOR, con sede in Vial Sant Jordi, s/n – 08232 Viladecavalls (Barcelona) Spagna

prodotto:

Interruttore differenziale autoriamabile

Serie:

REC 3, REC 3C

MARCHIO:

CIRCUTOR

L'oggetto della dichiarazione è conforme alla pertinente normativa di armonizzazione dell'Unione Europea, a condizione che venga installato, mantenuto e utilizzato nell'ambito dell'applicazione per cui è stato prodotto, secondo le norme di installazione applicabili e le istruzioni del produttore.

2014/35/UE: Low Voltage Directive 2014/30/UE: Electromagnetic Compatibility Directive

2011/65/UE: RoHS2 Directive

È conforme alle seguenti normative o altri documenti normativi:

E N 5 0 5 5 7 : 2 0 1 1

Anno di marcatura "CE": 2013



Viladecavalls (Spain), 25/09/2017
General Manager: Ferran Gil Torné



CIRCUTOR, SA – Vial Sant Jordi, s/n
08232 Viladecavalls (Barcelona) Spain
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**DEKLARACJA ZGODNOŚCI UE**

Niniejsza deklaracja zgodności wydana na wyłączną odpowiedzialność firmy CIRCUTOR z siedzibą pod adresem: Vial Sant Jordi, s/n – 08232 Viladecavalls (Barcelona) Hiszpania

produkt:

Wyłącznik różnicowo-prądowy z samoczynnym ponownym
załączeniem

Seria:

REC 3, REC 3C

marka:

CIRCUTOR

Przedmiot deklaracji jest zgodny z odpowiednimi wymaganiami
prawodawstwa harmonizacyjnego w Unii Europejskiej pod
warunkiem, że będzie instalowany, konserwowany i użytkowany
zgodnie z przeznaczeniem, dla którego został wyprodukowany,
zgodnie z mającymi zastosowanie normami dotyczącymi
instalacji oraz instrukcjami producenta

2014/35/UE: Low Voltage Directive 2014/30/UE: Electromagnetic Compatibility Directive
2011/65/UE: RoHS2 Directive

Jest zgodny z następującą(y)mi normą(ami) lub innym(i)
dokumentem(ami) normatywnym(i):

EN 50557 : 2011

Rok oznakowania "CE":

2013

Viladecavalls (Spain), 25/09/2017
General Manager: Ferran Gil Torné



CIRCUTOR, SA

Vial Sant Jordi, s/n

08232 - Viladecavalls (Barcelona)

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