



# EFI-P

## *New Series of Residual Current Circuit Breakers*

**With automated 100% control of all key parameters of each product**



**Increased reliability**

**Reduced power dissipation  
by up to 45%**

**Thinking of safety - so you don't have to**



# Advantages of the new EFI-P

✎ Individual test measurements and other production data for each device can be read from the QR code, as well as instruction manuals and other technical materials

✎ Power dissipation per pole reduced by up to 45%

✎ High mechanical endurance:  
> 10.000 cycles

✎ High electrical endurance:  
> 4.000 cycles

✎ All necessary technical & installation information can be found on the front and side of the device

✎ Basic installation requirements are engraved into housing

✎ All important components are marked with a QR code, containing individual test results and thus ensuring exact traceability and highest quality control

✎ Better protection of terminals against touching the parts under voltage

✎ Patented two-step mechanism for max reliability of operation

✎ Dimensionally the same as old EFI, making replacement effortless

✎ Special versions available:

- RCCB for use in 110, 125 & 127 V systems
- RCCB with neutral pole on the left side

✎ The terminals accept not only wires but also time saving busbars

✎ RCCBs can be supplied with single phase and three phase busbars

✎ Supply is possible both from top and bottom terminals

✎ Fully automated assembly line, enabling more intermediate measurements during assembly process to ensure best functionality of final product



✎ Due to dimensional and construction similarity, all EFI accessories can also be used with EFI-P



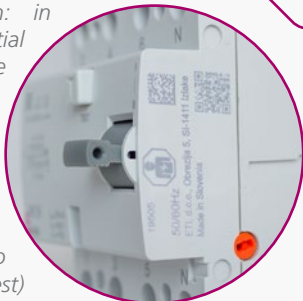
✎ Improved housing attachment with sealed screws



✎ Data matrix code

✎ Rated conditional short-circuit current: 10 kA

✎ Reset version: in case of differential current, the button moves to the "trip" (middle) position. In case of manual turn off, the button moves to the "off" (lowest) position.



✎ Test button enables user to check residual functionality



✎ Real contact position indication for easier identification, whether RCCB is in ON or OFF position

✎ Clearly marked terminals to ensure appropriate connection



# Available versions

## Instantaneous A and AC type

Rated residual current	Rated current
0,03; 0,1; 0,3 & 0,5A	16-80A (EFI-P2)
0,03; 0,1; 0,3 & 0,5A	16-63A (EFI-P4)



Instantaneous and Reset version RCCBs are designed to be used in systems with voltages 230/240V (EFI-P2) and 400/415V (EFI-P4).

## Instantaneous Reset version

Rated residual current	Rated current
0,03; 0,1; 0,3 & 0,5A	16-80A (EFI-P2)
0,03; 0,1; 0,3 & 0,5A	16-63A (EFI-P4)



### REMOVE ANY DOUBT

*Instantaneous Reset version: in case of differential current, the button moves to the "trip" (middle) position. In case of manual turn off, the button moves to the "off" (lowest) position.*

## For use in 127V system

Rated residual current	Rated current
0,03; 0,1; 0,3A	16-80A (EFI-P2)
0,03; 0,1; 0,3A	16-63A (EFI-P4)



If RCCBs will be used in lower than standard system voltage (for instance 110V or 125V, as is the case in Caribbean) EFI-P 127V must be used to ensure correct test button functionality.

## N on the left side

Rated residual current	Rated current
0,03; 0,1; 0,3A	16-80A (EFI-P2)
0,03; 0,1; 0,3A	16-63A (EFI-P4)



RCCB with neutral conductor on the left side enables you to use standard busbars for connection between RCCB and MCBs.