



## WRU-100A RAL

WRU-100A RAL, Relay for protection and differential reconnection, type A, ultra-immunized, with built-in transformer.

Code: P24459.

- > Inner diameter (mm): 25
- > Communications: RS-485
- > N° relays: 1
- > I $\Delta$ n (A): 0,03 ... 30 A
- > Delay: INS, SEL...5s
- > Nr. reclosures: Programmable
- > Time between reclosures: Programmable
- > Breaking element: Contactor

### Description

Electronic residual current protection relay with self-reclosing system, with built-in 28 mm transformer, forming a single unit. Super-immunised type-A relay with high-frequency current filtering and high immunity. True root mean square (TRMS) measure. Display with LEDs and backlit display:

- Residual current reclosing / protection parameters
- Protection trip current.
- Number of reclosures
- Protection status messages, etc.

Device with three changeover contact output relays and two simple relays (all relays can be programmed). The main relay provides the protection associated with the contactor, one is for the prealarm and the other one is for interlocking once the maximum number of reclosures has been reached. It also has a voltage-free input for external tripping and rearming.

- Assembly on **DIN 46277** rail (**EN-50022**)
- Compact size: 3 modules
- Connection by pluggable terminal strips

### Application

WRU-10 RAL relays associated with a contactor allow automatic reclosing after tripping, thus offering the most adequate solution for street lights, ATMs, refrigerating chambers, traffic lights, etc. Their design features guarantee maximum security and electrical service continuity, avoiding unwanted tripping.



## WRU-100A RAL

Residual current relay with built-in transformer and display (type A)

Code: P24459.

### Specifications

#### Mechanical characteristics

Weight (kg)	0,25
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#### WRU-100A RAL

Type A ultraimmunized residual current relay with reconnection and built-in transformers

CODE	TYPE
P24459.	WRU-100A RAL

Requires an residual current transformer, WGC type (not included). The breaking element to be associated must be a contactor not included. To encode other parameters, see the table at the end of the section.