



WRU-10K, Self-reclosing relay

Code: P23262.

> Usefull diam.(mm): 28

> I\(\Delta n \) (A): 0,03 A

> Delay: INS

> Nr. reclosures: 15

> Time betwen reclosures: 20 s, 40 s then every 3 min

> Breaking element: MCB

Description

Electronic residual current protection relay for self-reclosing, with Ø28 mm built-in toroidal transformer, forming a single unit. Type A relay (IEC 60755) ultra-immunized. True root mean square measure (TRMS).

Display with LED and backlit (LCD) display:

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

Device with three output relays, one for indicating locking status and the other two for the trip and subsequent reset of the circuit breaker (MCB-P). It is only used with the MCB-P, with it not being possible to associate it with others. It has voltage-free input for remote control trip/reset operations.

Application

The WRU-10K relays connected to the MCB-P guarantee self-reclosing residual current and circuit breaker protection after an residual current trip. It is a good solution for those infrastructures that are hard to control and monitor because of their location.

Control boards for:

- o Telephony systems
- o DTT systems
- O Computer systems, UPS







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

Code: P23262.

Specifications

AC power supply	
Consumption	4,5 VA
Frequency	50/60 Hz
Nominal voltage	230 V ~ ±30 %
Mechanical characteristics	
Size (mm) width x height x depth	52.5 x 109.4 x 75 (mm)
Fastening	DIN 46277 (EN 50022)
Weight (kg)	0,171
Environmental characteristics	
Protection class	IP 20
Relative humidity (without condensation)	5 95 %
Working temperature	-20 +70 °C
External reset input for tripping	
Туре	Voltage free / ON-OFF Remote
Standards	
Electrical safety, Maximum height (m)	2000
Standards	IEC 60947-2, IEC 60755, IEC 62020
Other digital relay outputs	
Nominal load	1250 VA
Nominal current	5 A ~
Nominal voltage	250 V ~
Digital relay outputs	
Nominal load	62,5 VA
NOTHING TO BU	
Nominal current	0,25 A ~
	0,25 A ~ 230 V ~
Nominal current	
Nominal current Nominal voltage	
Nominal current Nominal voltage Differential protection	230 V ~
Nominal current Nominal voltage Differential protection Type	230 V ~ Type A ultra-immunised







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

Code: P23262.

LED indication	Voltage presence Earth leakage tripping Reclosure timing
Measure	True root mean square (TRMS)
Thermal-magnetic protection	
Trip curve, Type	С
Breaking capacity	10 kA (IEC 60898) MCB-P
Nominal voltage	230 / 400 V ~
Reclosure type	
Reclosure number	Differential: 30
Reset time	Differential: 30 min
Reclosure time	Differential: 20 s, 40 s, and rest every 3 min

WRU-10k

Residual current relay with built-in transformer

CODE	TYPE	IΔn (A)	Breaking element
P23261.	WRU-10K-0,03-3A	0,03 3 A	MCB
P23262.	WRU-10K	0,03 A	MCB

Certified and Approved by Telefónica The delay is cancelled in all relays with a sensitivity adjustment of 0.03 A, IEC 60947-2 annex M. Requires a motorised circuit breaker, MCB.P type (not included)







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

Code: P23262.

Dimensions Connections



