





WI/010-30

WI/010-30, Current relay

Code: P32012.

> Trip time (adjustable): 0,5 ... 30 s > Margin of setting (adjustable): 1 ... 10 A

Description

The **WI** current detectors are electronic devices with an output relay that is connected or disconnected, in accordance with the level of current detected in the circuit.

- o The trip level is adjusted with the potentiometer on the front of the unit.
- \circ The reset process is automatic with currents under 10% of the trip level (Hysteresis).
- o Delay: the connection and disconnection times of the output relay can be adjusted separately.
- $\circ\;$ Measurement of the current, depending on the type:
 - o With built-in current transformer (net diameter 🛭 25 mm)
 - Separate transformer, input.../5 A ~

Application

WI's can be used in any application that needs to control the load:

- O Power supply units for grinders or aggregate grinding units.
- o Loads in extrusion machines
- Pump control
- o Load on motors, etc.







WI/010-30

Current detector control relay

Code: P32012.

Specifications

AC power supply		
Frequency	50 Hz	
Nominal voltage	220-240 V~ (-15%, +10%)	
Mechanical characteristics		
Size (mm) width x height x depth	70 x 87 x 75 (mm)	
Weight (kg)	0,13	
Voltage measurement circuit		
Insulation voltage	2,5 kV	
Digital relay outputs		
AC11 le/Ue	0,8 A / 240 V~	
DC11 le/Ue	1,6 A / 30 Vdc	
Thermal current (Ith)	5 A	
Insulation voltage	250 V ~	
Electrical life	1 x 10 ⁵	
Mechanical life	2 x 10 ⁶	
Differential protection		
Sensitivity (I∆n), A	1 10	
Delay time (tΔ)	0,5 30 s	

WI

Current detector relay

CODE	TYPE	Trip time (adjustable)	Margin of setting (adjustable)	
P32011.	WI/005-30	0,5 30 s	0,5 5 A	
P32012.	WI/010-30	0,5 30 s	1 10 A	
P32013.	WI/020-30	0,5 30 s	2 20 A	
P32014.	WI/050-30	0,5 30 s	5 50 A	
P32015.	WI/100-30	0,5 30 s	10 100 A	
P32010.	WI/TS	0,5 30 s	s / transf/ 5 A	







Circutor

WI/010-30

Current detector control relay

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Dimensions

Connections





