

## WI/100-30

WI/100-30, Current relay

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Code: P32015.
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- > Trip time (adjustable): 0,5 ... 30 s
- > Margin of setting (adjustable): 10 ... 100 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.

- $\circ~$  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).
- Delay: the connection and disconnection times of the output relay can be adjusted separately.
- $\circ~$  Measurement of the current, depending on the type:
  - $\circ$  With built-in current transformer (net diameter 0 25 mm)
  - Separate transformer, input.../5 A ~

### Application

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

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

## Circutor



## WI/100-30

Current detector control relay

Code: P32015.

### 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)	0,19
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 × 10 <sup>5</sup>
Mechanical life	2 x 10 <sup>6</sup>
Differential protection	
Sensitivity (IΔn), A	10 100
Delay time (t∆)	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



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Current detector control relay

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# Dimensions

# Connections

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