



## WI/100-30

WI/100-30, Current relay

Code: P32015. **CONSULTAR DISPONIBILIDAD**

- > 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.

- The trip level is adjusted with the potentiometer on the front of the unit.
- 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.
- Measurement of the current, depending on the type:
  - With built-in current transformer (net diameter Ø 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.



# 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 Ie/Ue            | 0,8 A / 240 V~      |
| DC11 Ie/Ue            | 1,6 A / 30 Vdc      |
| Thermal current (Ith) | 5 A                 |
| Insulation voltage    | 250 V ~             |
| Electrical life       | 1 x 10 <sup>5</sup> |
| Mechanical life       | 2 x 10 <sup>6</sup> |

### Differential protection

|                      |              |
|----------------------|--------------|
| Sensitivity (IΔn), A | 10 ... 100   |
| 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           |

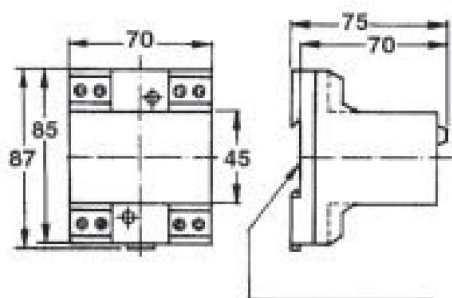


## WI/100-30

Current detector control relay

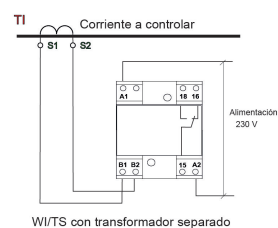
Code: P32015.

### Dimensions

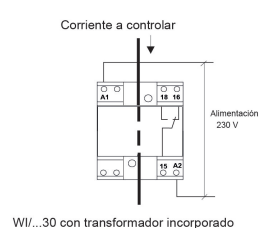


DIN 46277 (EN 50022)  
FIJACIÓN / FIXING

### Connections



WI/TS con transformador separado



WI/...30 con transformador incorporado