

WI/005-30

WI/005-30, Current relay

Code: P32011. **DESCATALOGADO**

> Trip time (adjustable): 0,5 ... 30 s

> Margin of setting (adjustable): 0,5 ... 5 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 ⌀ 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.



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Current detector control relay

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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	1×10^5
Mechanical life	2×10^6

Differential protection	
Sensitivity (IΔn), A	0,5 ... 5
Delay time (tΔ)	0,5 ... 30 s

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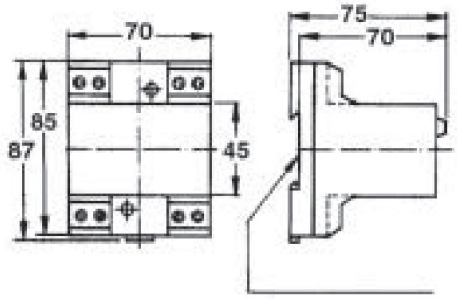
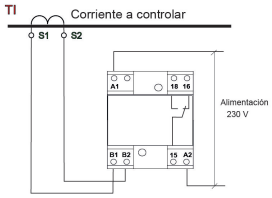
Dimensions

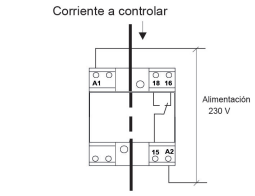


DIN 46277 (EN 50022)
FIJACIÓN / FIXING

Connections



WI/TS con transformador separado



WI/...30 con transformador incorporado