

# DIR2

1-step power factor relay. DIN rail



## Description

The **DIR2** power factor relay is capable of acting on a circuit in accordance with the reactive inductive or capacitive current transmitted through it.

The **DIR2** relay measures reactive current in mA of the secondary of a .../250 mA current transformer **MC1** or **MC3** type. The front of the relay has a control panel that is used to adjust the reactive current where the relay will act. It has a LED that indicates the status of the relay.

## Application

The **DIR2** relay is easy to install and program, making it the best solution in the following applications:

- Individual compensation of small, medium or large power loads.
- Partial compensation in installations with automatic equipment available.
- Partial or total regulator in low-power installations. Instantaneous and total disconnection of capacitor banks when there is a high capacitive current in the network. Control of reactive currents - capacitive and inductive - triggering an alarm signal when a high current is detected.

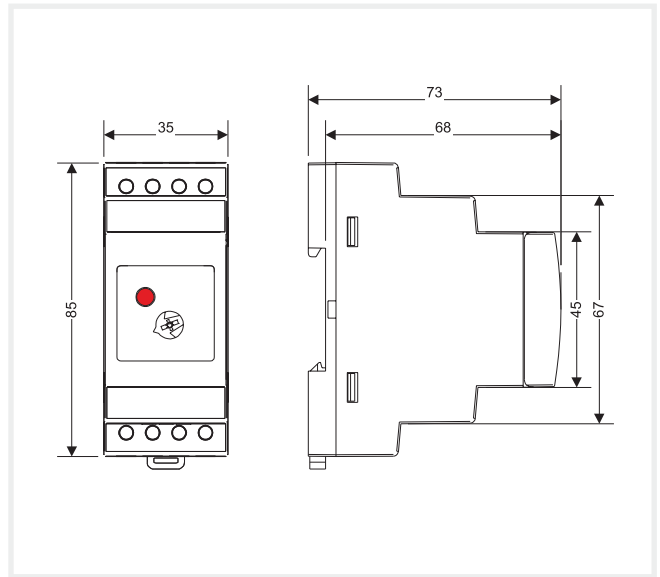
## Features

<b>Voltage circuit</b>	
Power supply	400 Vac
Tolerance	±10 %
Consumption with all relays connected	5 VA
Frequency	50 ~ 50 Hz
<b>Measurement circuit</b>	
Consumption	0.5 VA
Nominal current ( $I_n$ )	250 mA
<b>Outputs</b>	
No. of outputs	1
Maximum voltage	200 V
Maximum current	100 mA
<b>Build features</b>	
Operating temperature	-10 ... +50 °C
Assembly	DIN rail
Connection	Terminals
Degree of protection	IP 21

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## Dimensions



## References

Power supply voltage	No. of steps	Alarm	Size	Type	Code
400 Va.c.	1	-	35 x 85	DIR	R11211

## Connections

