

MiCOM P125, P126 & P127

Directional/Non-Directional Relay

P12y/EN M/Fa5_

Version Software version: V15
 Hardware version: 5






Technical Manual




1. PRESENTATION OF MiCOM P125, P126 AND P127 RELAYS


MiCOM P125, P126 & P127 are fully numerical relays designed to perform electrical protection and control functions.

The following sections describe content and structure of the menu.

The five keys situated in the middle of the MiCOM relay front panel are dedicated to set parameters.

With the keys     it is possible to move in the direction indicated to the various levels of the menus. The key  validates the settings modification.

The two keys  and  are dedicated to acknowledging/clearing and displaying/reading of data. For example if successive alarms are to be displayed, press on key .

The alarms are presented in reverse order of their detection (the most recent alarm first, the oldest last). The user can either acknowledge and clear each alarm from the LCD by using  or go to the end of the ALARM menu and carry out a general acknowledgement.

1.1 User Interface

1.1.1 Relay Overview

The next figures show the P125 and P126/P127 relays.



P125

P126/P127

As can be seen in above figures the case width dimensions differ between the P125 and the P126/P127.

The table shows the case size for the relays.

Version	Height	Depth	Width
Type P125	4U (177mm)	226mm	20 TE
Type P126 & P127	4U (177mm)	226mm	30 TE

2. MECHANICAL DATA

Design

MiCOM P125, P126 and P127 relays are available in a 4U metal case for panel or flush mounting.

The table shows the case size of the different models:

Version	Height	Depth	Width
Type P125	4U (177mm)	230mm	20 TE
Type P126 & P127	4U (177mm)	230mm	30 TE

Weight

P125 approx.: 3.0 Kg

P126/7 approx.: 4.0 Kg

Mounting

Rack or flush mounting

Connections

Rear (double fast on + M4 screw per connection)
Full draw-out with automatic CT shorting in the case of the relay

Enclosure protection

Per IEC 60529: 2001:

- IP 52 Protection (front panel) against dust and dripping water,
- IP 50 Protection for the rear and sides of the case against dust,
- IP 10 Product safety protection for the rear due to live connections on the terminal block

Dimensions

See dimensions diagram (P12y/EN IN chapter).

PC Interface

DIN 41652 connector (X6),
type D-Sub, 9-pin.