



1SDC210025FQ023

## SACE PR010/T Test and Configuration Unit

The PR010/T unit is an instrument able to carry out the Test, programming and parameter readout functions for the protection units which equip the Tmax, the Isomax S molded case circuit breakers and the Emax air circuit breakers.

In particular, for circuit breakers fitted with PR212/P and PR222DS/P trip units, the test, programming and readout parameter functions are available. All the functions mentioned can be carried out ON BOARD by connection of the PR010/T unit to the multipin front flange connector on the protection unit; connection is guaranteed by means of special interfacing cables supplied as standard with the unit.

The human-machine interface is guaranteed by using a membrane keyboard and a multi-line alphanumerical display.

There are also two LEDs on the unit which signal the following respectively:

- POWER-ON and STAND BY situation
- situation of the battery charging state.

Two different types of Test are provided: automatic and manual.

By means of connection to the PC (software provided), it is also possible to upgrade the SW of the PR010/T unit to allow adaptation of the Test unit to evolution of new products.

The most relevant test results can also be stored in the unit itself and sent to the Personal Computer on explicit request for “issue of report”.

Both in automatic and manual mode, the PR010/T unit is able to test the following:

- protection functions L, S, I, G
- monitoring of correct operation of the microprocessor.

The same Tests can also be repeated using the manual method.

The PR010/T unit is of the portable type and operates with re-

chargeable batteries and/or with an external power supply.

In its standard supply, the unit includes:

- PR010/T Test unit complete with rechargeable batteries
- TT1 Test unit;
- 100...240 V AC/12 V DC external power supply
- connection cables between the unit and the multipin connector present on the ranges of releases which equip the Isomax S and the Emax series
- connection cable between the unit and the PC (serial RS232)
- power supply cable
- instruction manual and software
- plastic case.