

Residual current devices are vital for the safety of people.

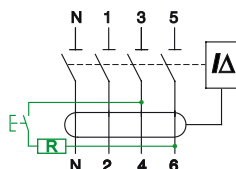
That is why:

- the electrical installation operation and maintenance standards require these protection devices to be tested at regular intervals,

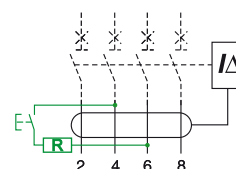
- the product standards IEC 61008 and IEC 61009 require such devices to be fitted with a test button (marked "T") on the front panel.

The user can therefore check and be certain that the device is working correctly.

The test button provides reliable information about how the device is working: tripping as soon as the button is pressed guarantees that the protection is working properly. If the device fails to trip, it must be examined to determine the cause of this malfunction.



Example iLD



Example Vigic60

Test frequency

The residual current devices must be tested as frequently as required by the installation regulations and/or the safety regulations currently in force.

In the absence of any regulations, Schneider Electric recommends the test to be carried out:

- after initial connection and any subsequent reconnection,
- every years, for devices recently installed in good environmental conditions (no dust, corrosion, humidity, etc.),
- every 3 months, for devices that have been in use for seven years or more in good environmental conditions,
- every months, for devices used in corrosive or harsh environmental conditions or highly exposed to lightning strikes.

Procedure

The residual current device is powered on and the loads are connected.

Briefly press the test button marked "T" on the front panel.

 Pressing the test button too long can seriously damage the device.

The residual current device should trip instantly. If it fails to trip, the additional checks described below should be performed.

When the test is finished, put the residual current device back into service.

