

Circutor

TQ

Installation without interruption

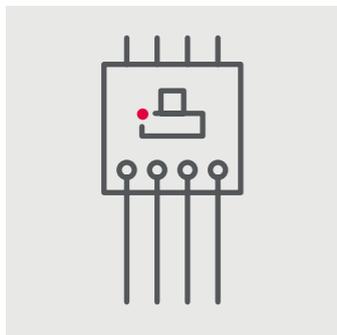
TQ



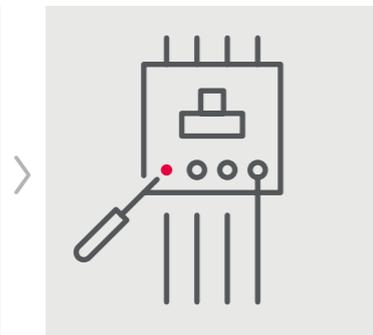


Issues for the installation of current transformers

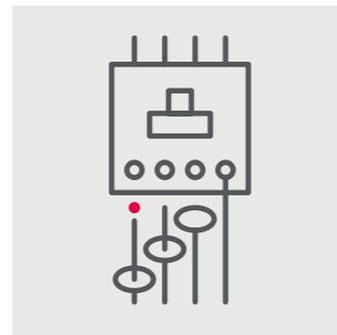
The most usual way to install electrical parameters analysis equipment **is to halt** the installation in order to install the current transformers and take its measurement to a network analyser. The conductors have to go through their interior so their installation must be programmed in advance to minimise economic losses.



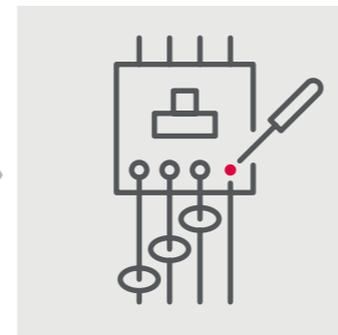
Interrupting the supply



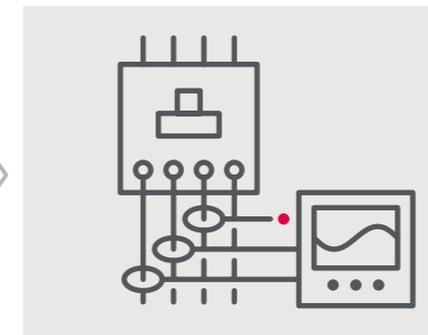
Disconnect the wiring



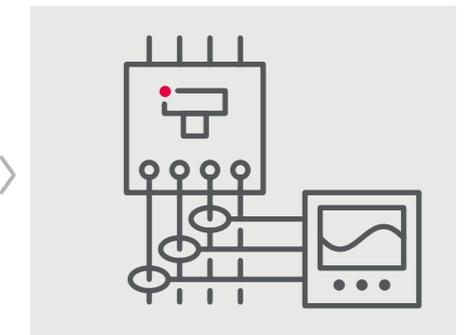
Install the transformers



Reconnect the wiring



Install the equipment associated to the transformers



Reset the switch

NEED

Installation of transformers for current measurement using a network analyser

ACTIONS TO BE PERFORMED

- Schedule an electrical disconnection at the time of reduced production
- Switch off supply
- Disconnect conductors
- Pass the conductors through current transformers
- Connect the secondary of the transformer to the network analyser
- Reconnect the power supply
- Program the network analyser



Economic losses caused by:



Productive stoppage of the manufacture



Production stoppage involving operators



Restart the production system



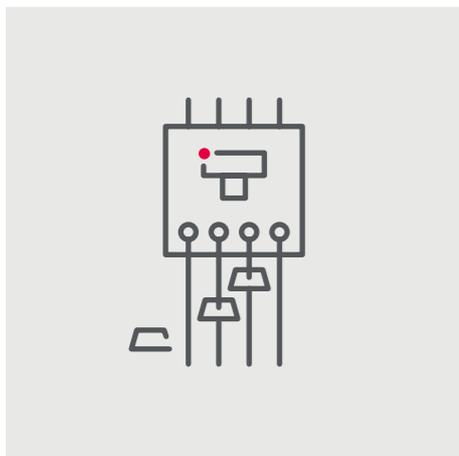
Avoid indirect costs by installing open-core transformers

The immediate solution for obtaining records from a network analyser with indirect measurement is through the installation of split core transformers.

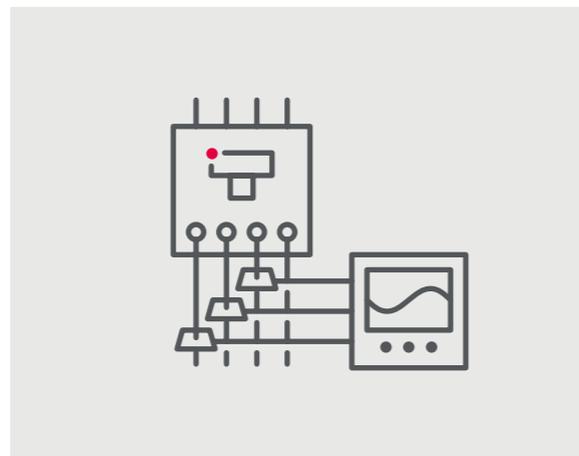


Saves time during installation, without incurring economic losses

With two simple steps, electrical measurements of the installation can be obtained without interrupting the power supply.



Install the split core transformers



Install the equipment associated with the split core transformers

READY!



NEED

Installation of **split core transformers** for current measurement using a network analyser

ACTIONS TO BE PERFORMED

- × Schedule an electrical disconnection at the time of reduced production
- × Switch off supply
- × Disconnect conductors
- Pass the conductors through current transformers
- Connect the secondary of the transformer to the network analyser
- × Reconnect the power supply
- Program the network analyser

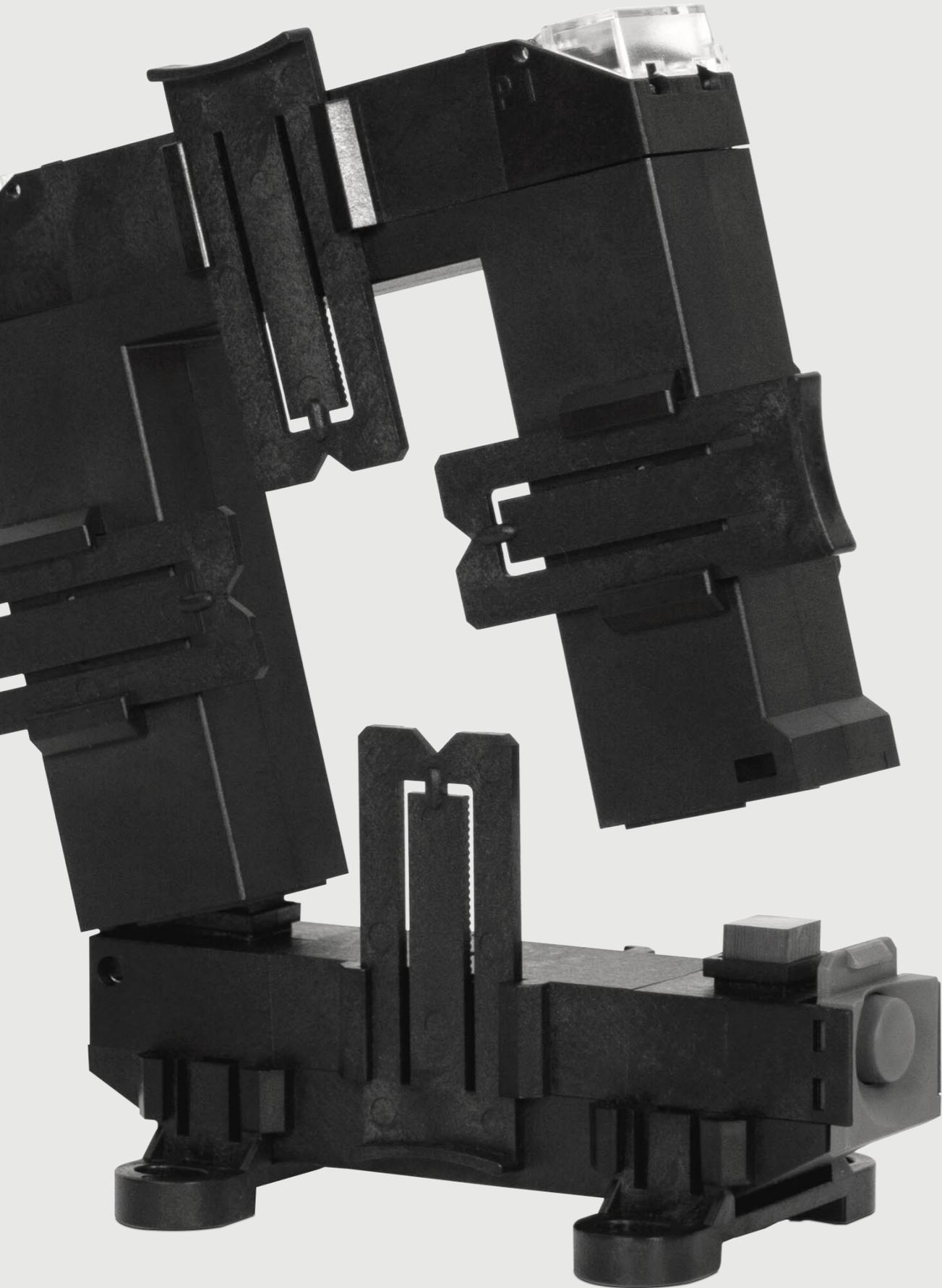


Minimise economic losses, avoiding:

- Scheduling an electrical disconnection
- Carrying out a productive stoppage
- Stopping operators' production
- Handling an electrical installation
- Disconnecting the electrical conductors
- Restarting the production system

Installation without interruption





THE SOLUTION

TQ series transformers



| ADVANTAGES OF TQ SERIES TRANSFORMERS



Push button operated

Simple installation with instant opening through button, avoiding the use of removable parts..



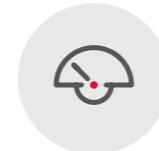
Lightweight and compact

New design reducing its weight and size to facilitate its installation in any electrical panel.



Versatile

Installation in flat bed, DIN rail or directly in conductors. They incorporate non-metallic pieces to ensure the fastening in busbars with plates.



Reduced losses

Ideal for installation with any type of device, especially for low consumption electronic equipment.



Pre-Sealable

Thus avoiding the handling of the electrical connections sealing the terminal block of the current transformer.



Accurate

They ensure the highest levels of accuracy for your measuring equipment.

| TQ SERIES MODELS

**TQ-6**

Primary from 100 A to 400 A

Flat bed 20 x 30 mm

Secondary from .../5A, .../1A or .../250mA

Type 0.5 / 1 / 3

**TQ-8**

Primary from 300 A to 1000 A

Flat bed 60 x 80 mm

Secondary from .../5A, .../1A or .../250mA

Type 0.5 / 1 / 3

I APPLICATIONS OF THE TQ SERIES

Ideal for installations where it is not possible to interrupt the power supply to install the transformers.

They measure the current associated with any type of device in the market:

- ☑ Network analysers
- ☑ Supply quality analysers
- ☑ Submetering counters
- ☑ Analogue or digital ammeters
- ☑ Reactive power regulators
- ☑ Active filters
- ☑ Static reactive compensators
- ☑ Programmable automation

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