

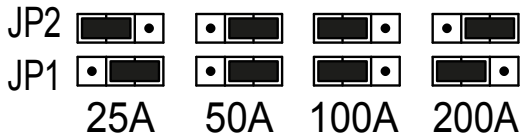


## EFI.06 EARTH FAULT INDICATOR INSTALLATION MANUAL

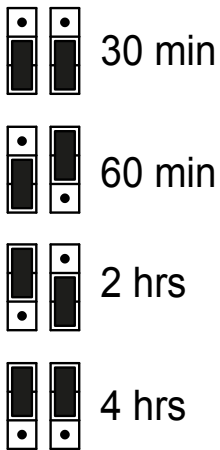


### JUMPER SETTING

#### TRIP CURRENT SET

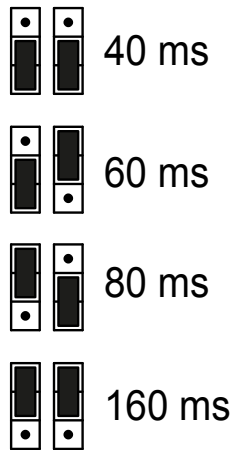


#### AUTOMATIC TIME RESET



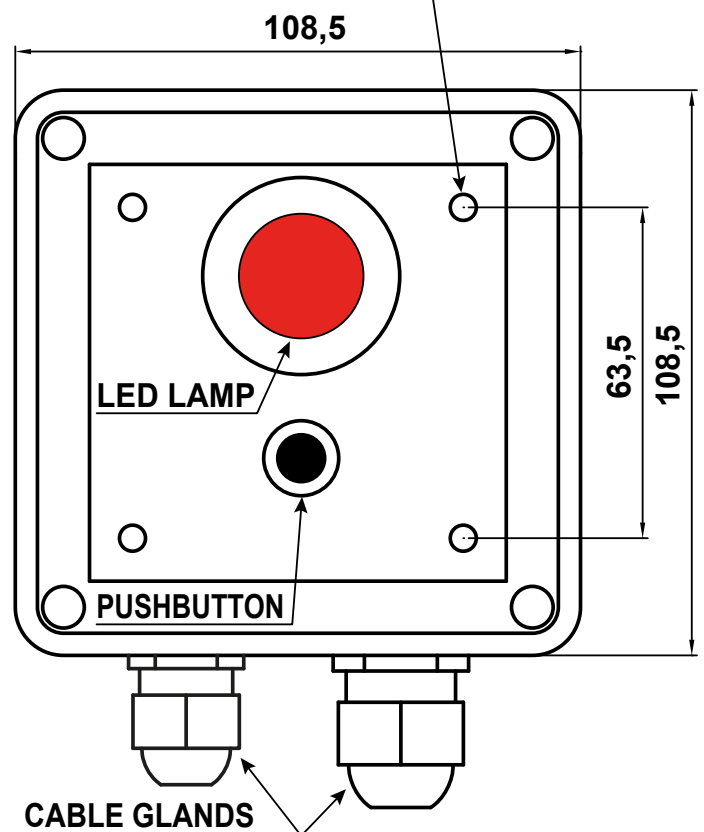
JP6 JP7

#### FAULT TIME DELAY



JP4 JP5

4 FIXING HOLES DIAM. 5mm  
ON A 63.5mm SQUARE ON  
THE BOTTOM OF THE BOX

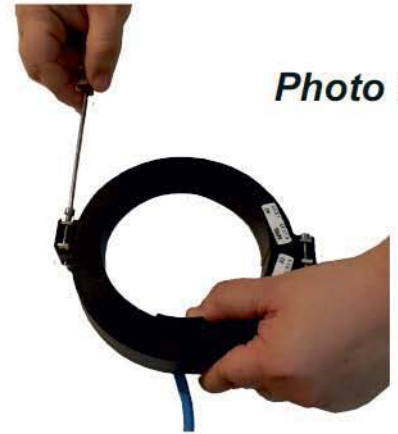


**TO OPERATE DEVICE PLEASE  
REMOVE BATTERY PAPER STRIP**

## CBCT CURRENT TRANSFORMER INSTALLATION

For packaging reasons the CT might be supplied to you assembled.

Disassemble the CT by removing the four socket head screw (key 3mm) taking care not to touch the surface of the CT iron, the iron surfaces of CT have a thin layer of vaseline that protects the metal from oxidation and can be soiled by dust or crumbs of materials present during installation work.



**Photo 1**

**Photo 1**

Take a screw on the allen key 3 mm . Place the two halves around the cable and tight the first screw.

Make sure the bottom side has three small teeth and the top side has one small tooth.

Put the second screw (diagonal) and then the remaining two screws.



**Photo 2**

**Photo 2**

Tighten all the screw until total closure of two parts without exceeding the torque.

Place the ct on the cable and had it to the cable using the plastic ties supplied.



**Photo 3**

The MV cable shield must run back through the CT before the GND connection point.

Connect the free end of the CT link cable to EFI screw terminal. The cable has no polarity. **Fig.1**



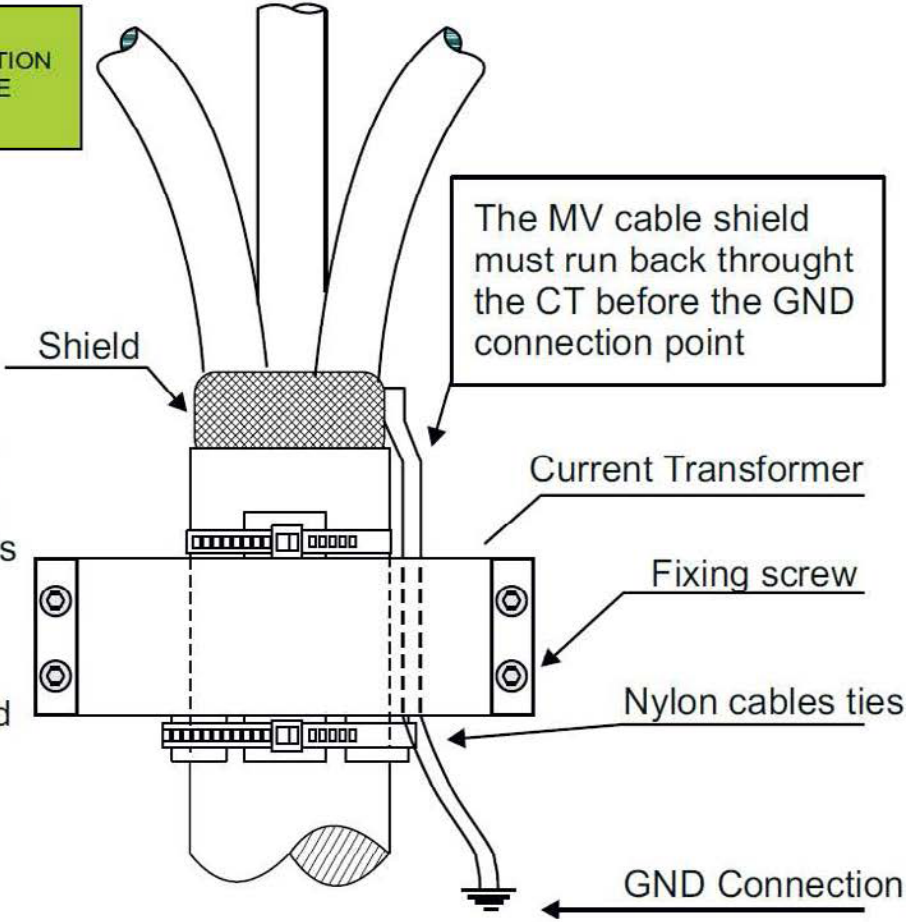
**Photo 3**

**CBCT** CURRENT TRANSFORMER INSTALLATION IN NEW RMU WITH MEDIUM VOLTAGE CABLE TO BE CONNECTED

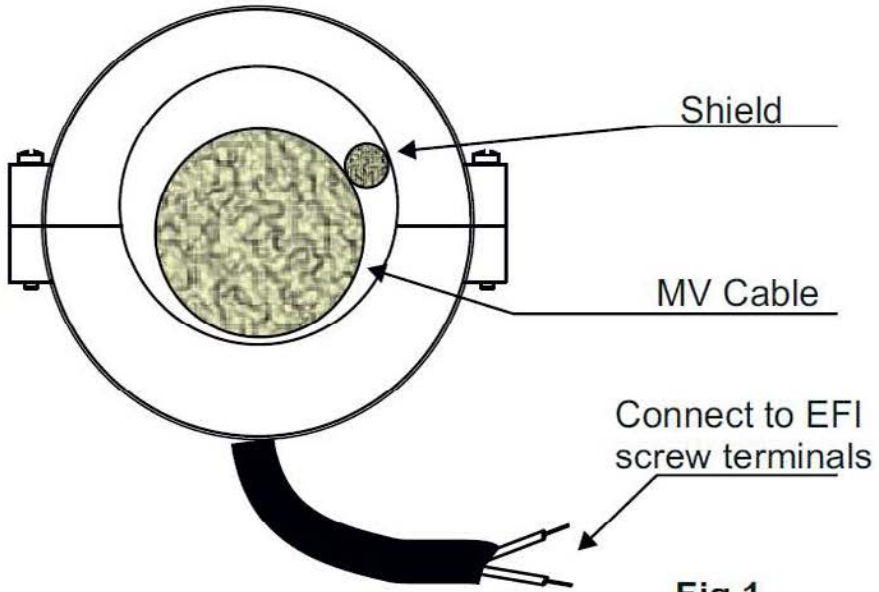
For packaging reason the CT might be supplied to you assembled. Do not disassemble CT run the medium voltage cable inside the CT and connect to RMU terminals provided for this purpose, the cable shall be clamped to RMU.

Place the CT along the MV cable and fix it using the plastic ties supplied.

The MV cable shield must run back through the CT before the GND connection point. Connect the free end of CT link cable to EFI screw terminals. The cable has no polarity. **See Fig 1.**



**FOR CORRECT OPERATION THE MV CABLE SHIELD MUST RUN BACK THROUGH THE CT BEFORE THE GND CONNECTION POINT**  
  
(see drawing )

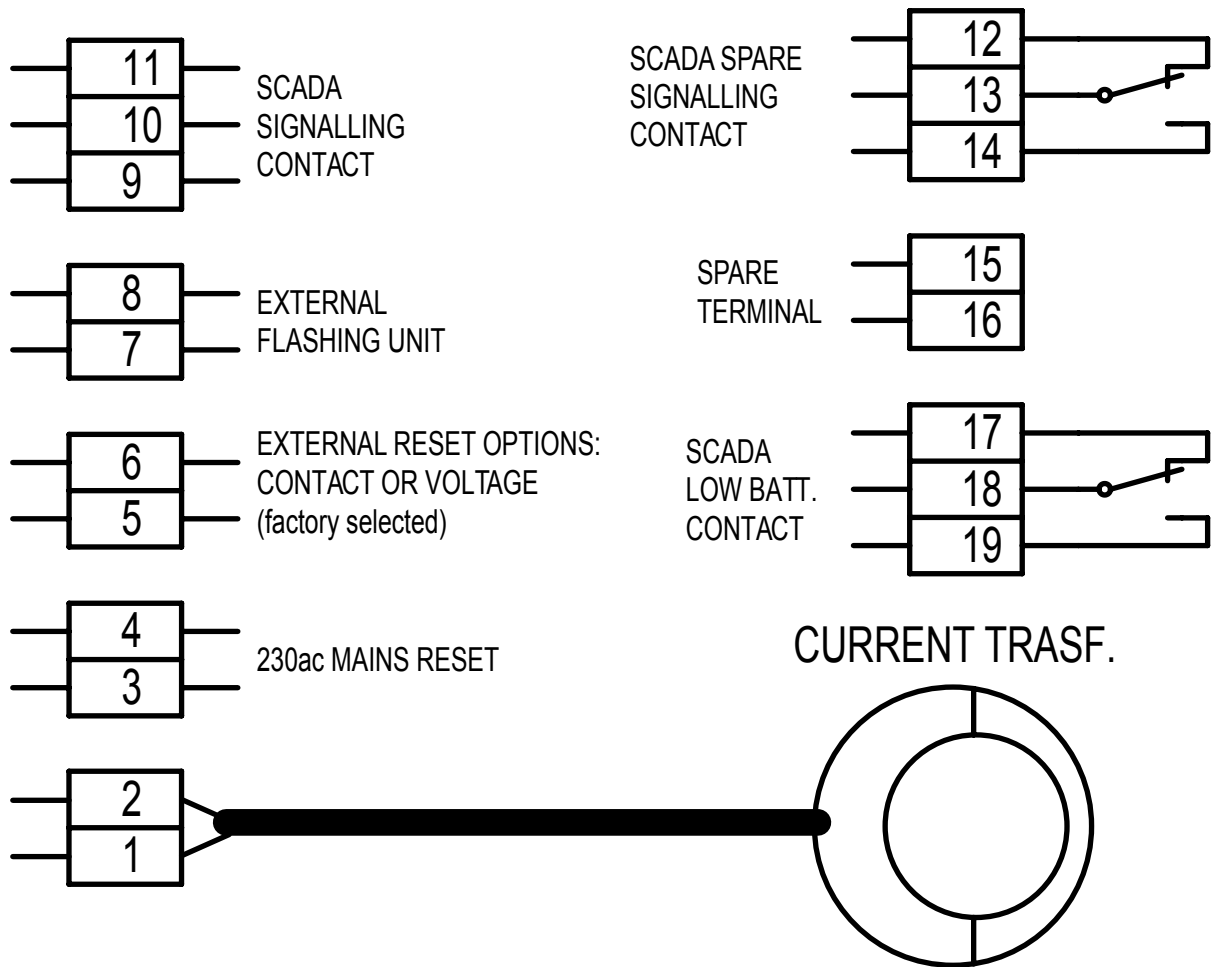


**Fig 1**

## EFI INSTALLATION

1. Install the EFI indicator according to the drawing on front page.
  2. Connect the link cables via the cable gland to EFI screw terminals, according to wiring diagram below. Only CBCT current transformer connection is mandatory, other connections are optional (please note that not all the EFI.06 devices have the optional screw terminals for the external indicator or other optional devices).
  3. Set the jumpers to the desired operating parameters.
- Device test can be performed pressing the test/reset pushbutton on the front.

**IMPORTANT: TO OPERATE DEVICE PLEASE REMOVE BATTERY PAPER STRIP**



We reserve the right to change the design and specification of any item shown herein, therefore the contents shall not form part of any contract or constitute a warranty.

EFI.06 Installation Manual  
rev.5 2/11/2015