

Shorting Blocks

10E 6I-4T-EPI shorting block is an indispensable tool for connecting meters or measuring instruments on three-phase lines downstream from voltage and current transformers. It is equipped with 10 clamps that are fully segmented longitudinally (between input and output) with sliding bridges contained in the block and able to integrate a visual signal in case of open circuit. In addition, three further sliding bridges are available to release the "cross connection" (between a terminal block and the next one) in order to make a local short-circuit for the current circuits. The terminal board is designed to meet the requirements of the new version of Standard EN 60947-7-x.

Use the shorting block to:

- > Measure instrument sections
- > Insert a sample unit, before or after the measurement instrument.
- > Derivate using common outlets for all connection clamps
- > Voltage from current input to the crimpers through a jumper transfer.

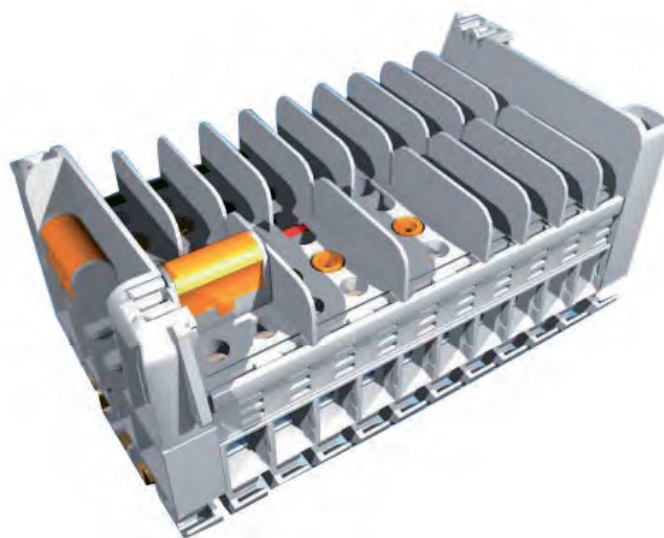
During normal operations, voltage and current inputs are inserted on the lower part, below clamps 1-2-3-N and clamps R-RR, S-SS, T-TT.

The instruments are connected to the upper part of the shorting block. The vertical sliding bridges are closed while the ones with a horizontal slide are open.

Insert control units as follows:

- > volt meters through normal 4mm pins on terminals 1-2-3 and N
- > connect the measuring device's amperometric (R) to the two R sockets (the same goes for the other phases).

For energy meters connections



Nominal insulating voltage	800 V
Impulse withstanding	8 kV CAT IV
Maximum longitudinal current	76 A
Maximum transversal current	from 14A (@ 60 °C) to 32A (@ 30 °C)
Maximum cable section	1 x 16mm ≤ or 2 x 6mm ≤
Space between terminals	10.5 mm
Socket section	4 mm
Dimensions (mm)	128 x 67 x 61.5
Protection rating	IP20

According to EN 60947-7