ELECTRIC OPERATING

TRIPHASOR

Phase identification, balancing of electrical networks

➲ FUNCTIONS

TRIPHASOR is an instrument for optimizing the operation of electrical distribution networks. It measure the electric grid characteristics in real time, and enable the identification of each pase on a phased network.
TRIPHASOR is used on live low tension networks, under load.

➲ USE PRINCIPLE

Triphasor consists of a transmitter and a receiver, both can be used on a live LV electric network.
The transmitter must be connected in a substation using the voltage LV cords and the current Rogowski clamps.
The receiver allows phase identifying wherever it is connected between phase and neutral, anywhere on the live network.

TRIPHASOR measures :
- ✓ Voltages, currents, cos φ in the substation
- ✓ Voltages, currents, cos φ at the measurement location on the network
- ✓ Voltage drops, unbalancing rates between phases, and current percentage in each phase

➲ TECHNICAL CHARACTERISTICS

TRANSMITTER		– 230 V/400 V ~ – IP 22	– 540 x 390 x 240 mm – 10,65 kg – Measurement accuracy : Rms voltage : 1 % Rms current : 2 % Power factor : 5 % – De -20°C à +70°C, 90 % relative humidity without condensation
RECEIVER		– Accu NiCd 1,1 Ah – IP 65	

MADE S.A.
167, Impasse de la Garrigue · 83210 La Farlède
Phone : +33 (0) 494 083 198
contact@made-sa.com - www.made-sa.com

MADE IN FRANCE

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