

# SYNCRO

## VOLTAGE DETECTOR FOR PHASES CONCORDANCE

MAXIMUM CONTROL IN THREE-PHASE NETWORKS  
from 1 to 79 kV

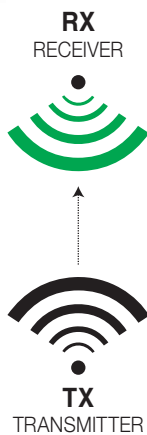
Optical & Acoustic

- Wide range of working voltages (from 1kV to 79kV)
- Clear 360° indication thanks to illumination in the housing
- Long detection distance (up to 50m)
- Light weight and small dimensions
- Easy to use
- Indication of voltage on the emitter
- 16-bit microcontroller
- 2.4GHz wireless communication
- Response time < 500ms
- Phase comparison based on zero crossing algorithm

  
**sofamel**  
*safety & connection*

# SYNCRO

Wireless Voltage Detector for Phase Concordance  
Medium Voltage - Optical & Acoustic



Wireless detector for phase concordance verification of a network, it allows to control all types of three-phase networks from 1 to 79 kV.

Maximum functional reliability offering the possibility of measurement even through obstacles, such as walls, doors, etc.

Guaranteed detection distance up to 50 m.

According to UNE-EN 61481-1:2015 standard.

## 645 SYNCRO

- Voltage range: from 1 to 79 kV
- Frequency: 50 - 60 Hz
- Use: Indoor/Outdoor use with the insulating pole according to model/range of voltage of the testers used.
- Signaling: Optical and acoustic by LED diodes and buzzer.
- Class A:  $\pm 10^\circ < \phi_p \leq \pm 30^\circ$
- Climatic category: N, climatic conditions of use and storage, temperature from  $-25^\circ\text{C}$  to  $+55^\circ\text{C}$ , humidity from 20 to 96 %.
- Power supply: AA LR06 type battery, automatic disconnection system sleep mode (battery saving).
- Self-verification: Integrated device for self-verification of operation.

Code	Ref.
645287	SYNCRO

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