

SYNCHROSCOPE

SEW



UL File No. E236904

- Input voltage:
110V AC, 120V AC, 220V AC,
230V AC or 240V AC.
- Square shape panel 96 x 96mm
- 360° indication
- PC window, ABS resin frame, PC case
- Safety standard:
IEC/EN 61010-1 CAT III 300V
EN 61326-1

OPERATION PRINCIPLE

- A synchroscope indicates the synchronization point (scale center) when the frequencies and the phases at a generator side and a bus line side are matched.
- If the frequencies of both side are equal, the position at which the needle is stationary indicates the phase difference between the two.
- When the generator side (starting side) frequency is f_G and the bus line side (operating side) frequency is f_B , the direction of rotation of the needle is as follows:

When $f_G = f_B$	The needle is stopped
When $f_G > f_B$	The needle rotates in the FAST direction
When $f_G < f_B$	The needle rotates in the SLOW direction

SPECIFICATIONS

	LS-96A SYNC (110V)	LS-96A SYNC (120V)	LS-96A SYNC (220V)	LS-96A SYNC (230V)	LS-96A SYNC (240V)
Nominal Input Voltage	110V AC	120V AC	220V AC	230V AC	240V AC
Frequency Range	50 Hz or 60 Hz				
Scale	SLOW / FAST				
Indication	Moving Pointer				
Angle of Rotation	360°				

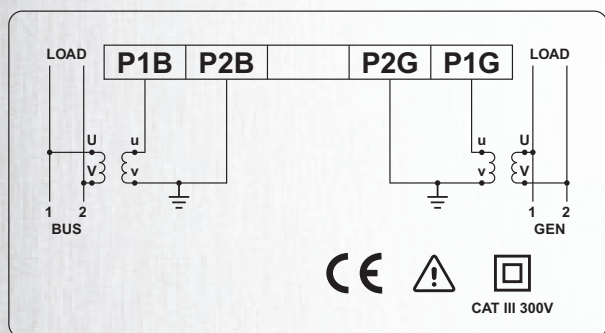
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Model

LS-96A SYNC

WIRING DIAGRAM



DIMENSIONS

