

ANALOGUE MEASURING INSTRUMENTS

SW - Synchronising wall bracket



- Double voltmeters
- Double frequency meters
- Sincronoscopio (Monofásico o Trifásico)

Description

Synchronizing instruments are used for the connection in parallel of one AC generator with another or with the network. This operation must be carried out when the phase sequence is the same and the three following conditions are fulfilled:

- Equal voltages
- Equal frequencies
- The generator and network voltages have equal phase

Otherwise, serious damages to the installation may occur.

In order to check the fulfilment of each condition, several instruments are used. The three instruments are usually mounted in a synchronizing wall bracket (type SW). Supplies two different types: SW96 (for three 96 x 96 mm instruments) and SW144 (for three 144 x 144 mm instruments).

Technical Features

Type	SW96/1s	SW96/2s	SW144/1s	SW144/2s
Equipment	1 x EQD96s 1 x FD96s 1 x SQ6s/1	1 x EQD96s 1 x FD96s 1 x SQ96s/2	1 x EQD144s 1 x FD144s 1 x SQ96s/1	1 x EQD144s 1 x FD144s 1 x SQ96s/2
	○	○	○	○

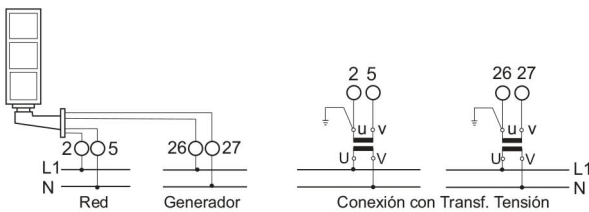
● available ○ on request

Dimensions in mm / Weight in gramme

Type	a	b	c	d	e	f	g	Weight
SW96...	410	223	176	80	60	500	120	5700
SW144...	576	258	176	115	85	692	170	9100

Connection diagrams

Single-phase



Three-phase

