

## Time Scale Corrector

◆ *Manual and Automatic mode of operation*

◆ *Remote control over IEC 625 Interface bus*



**IEC 625 Bus**

### DESCRIPTION

Designed for a single or a periodic phase shift of high-stability reference oscillator signals. Remotely controlled over IEC 625.

### SPECIFICATIONS

Input: 5, 100 MHz; 0.5-1 V RMS into 50 Ohm

Output: 5, 100 MHz;  $1 \pm 0.2$  V RMS into 50 Ohm

Time scale single correction range:  $\pm 99.9$  ns with a  $\pm 0.1$  ns correction step (manual and remote modes)

In an automatic mode the correction is performed periodically with 0.1 ns step and the period equal to any integer from 1 to 10000 s

Intrinsic error of time scale correction in a full correction range:  $\pm 0.1$  ns

### GENERAL

Power:  $220 \pm 22$  V, 45-65 Hz, or 22-30 V dc

Power consumption: 50 VA ac, 60 W dc

Operating temperature range: 5...40 °C

Dimensions: 480x120x540 mm

Weight: 20 kg