

Time Scale Signal Distribution Amplifier

- ◆ **6 inputs**
- ◆ **16 output channels**
- ◆ **High output signal rise time**
- ◆ **High temperature stability of output signal delay**
- ◆ **Switching status indication on a front panel**



DESCRIPTION

Designed for distribution, switching and amplification of time scale signals. This is a 16-channel electronic commutator/distributor of time scale pulse signals. Input signal (one or several) may be applied to any number of outputs. The switching may be done from the Instrument front panel or over IEC 625 interface bus.

SPECIFICATIONS

Pulse repetition rate: 1 Hz

Number of inputs: 6

Number of outputs: 16

Output pulse amplitude: 2.5 V into 50 Ohm

Pulse width: $15 \pm 5 \mu\text{s}$

Rise time: $< 5 \text{ ns}$

Time scattering of output signals, generated from one source $\leq 2 \text{ ns}$

Output signal delay temperature instability in the operating temperature range: not more than $0.1 \text{ ns/}^\circ\text{C}$

GENERAL

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

Power consumption: 80 VA, 80 W

Operating temperature range: $5 \dots 50 \text{ }^\circ\text{C}$

Dimensions: 480x120x505 mm

Weight: 20 kg