

SLD1

GENERATOR FOR TESTING OF RIPPLE CONTROL RECEIVERS

SLD1 is programmable generator of ripple control telegrams.

Generator output produces mains voltage 230V/50Hz with superimposed telegram. Carrier frequency, time parameters, and content of telegram are programmable. The same generator can examine receivers programmed on different carrier frequencies and different types of ripple control telegrams. Used telegrams can be stored in nonvolatile memory and reloaded upon request.

SLD1 generator is intended for RCR testing in laboratory.

Functions

- Programmable frequency of tone carrier.
- Programmable amplitude of tone carrier.
- Measurement of amplitude on the loaded generator output.
- Programmable time parameters of pulse telegram.
- Programmable content of ripple control telegram.
- Memory for saving created telegrams.
- Output voltage 230V/50Hz/0.2A with superimposed ripple control telegram.
- Fast electronic fuse for protection of output stage.

Technical data

Type	SLD1	Power consumption	<30W
Rated voltage U_m	230V (+15%,-20%)	Impulse voltage withstand	6kV, 1,2/50 μ s
Carrier frequency range f_m	150-1000Hz	AC voltage withstand	2kV, 50Hz, 1min
Carrier amplitude range	100mv-10V p-p	Operating temperature range	0°C to 40°C
Shape of time pulse telegram	as desired	Ambient relative humidity	20% to 90%
Generator output	230V/0.2A	Weight	4000g

Front panel



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