

LAU1

CONTROL UNIT FOR RIPPLE CONTROL TRANSMITTER

Control unit **LAU1** is multiprocessor system intended for control of ripple control transmitter. Basic task of unit is generation of ripple control telegrams in desired time of transmission.

Additional tasks of **LAU1** are control of ripple control transmitter operation and registration of amplitude, content and time of transmitted telegrams.

Communication and programming of control unit **LAU1** is possible by display and keyboard in local mode, as well as by PC and telephone modem in remote mode.

Access to control unit **LAU1** is protected by password.

Functions

- Generation of ripple control telegrams with desired content and time of transmission.
- Monitoring of control signals in ripple control transmitter.
- Registration of transmitted telegrams (amplitude, content, time of transmission).
- Remote programming and reading by telephone modem.
- Serial communication RS232 port for data reading directly by printer.
- Local programming and reading by keyboard and LCD.

Technical data

Type	LAU1	Battery life	>10 years
Rated voltage	20V (+15%,-20%)	Ripple control telegram	programmable
option	100V		up to 256 pulses
Rated frequency	50-60 HZ (-2%,+1%)	RCR receiver	DP1 S
Power consumption	<20W	Telephone modem	300Bd CCITT V.21
Digital outputs	6 optocoupled	Operating temperature range	0°C - 60°C
Output relay:		Ambient relative humidity	90% max
contacts	16A/250Vac	Weight	5000g
mechanical life	10 ⁹ changes	Dimensions	single 19-inch rack
Digital inputs	3 optocoupled		
Time base change in temperature range of (0°C do 60°C)	+/- 1 minute/month		

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