



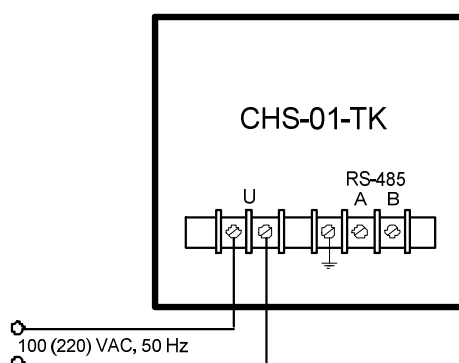
Digital frequency meter CHS-01-TK is designed for continuous frequency measurement of the network in power plants and substations.

- Power supply from measuring network.
- RS-485 interface, Modbus (RTU) protocol.
- Four-digit green indicator with 14 mm symbol height.
- The size of the housing allows you to set frequency meters instead of existing point devices.

SPECIFICATION

- Rated frequency, Hz 50
- Range of measured frequencies, Hz 40..60
- Reduced measurement error, %, up to $\pm 0,05$
- Baud rate, Kbps 9,6; 19,2; 38,4

WIRING DIAGRAM



ADDITIONAL INFORMATION

- Operating temperature range $+5^{\circ}\text{C} \dots +50^{\circ}\text{C}$
- Dust and moisture protection IP41
- Power supply frequency meter, depending on the modification:
 - (100 ± 30) V with frequency (50 ± 10) Hz;
 - 220^{+22}_{-33} with frequency (50 ± 10) Hz.
- Power consumption, VDC, up to 4
- Overall dimensions (W×H×D), mm 96×96×120
- Mounting dimensions, mm:
 - cutout size 90×90
 - mounting depth 140

ORDER IDENTIFICATION

Digital frequency meter **CHS-01-TK-XXX**, where
XXX – power supply:

“100V” – $(70..130)$ VAC with frequency (50 ± 1) Hz;

“220V” – 220 VAC with frequency (50 ± 1) Hz.

Example. **CHS-01-TK-100V** – Digital frequency meter CS-01-TK with 100 VAC power supply.