

# TECHNICAL MANUAL

## ANALOGUE AMMETER AMA-721, AMA-801, AMA-961



### 1 DESCRIPTION

Analogue ammeters AMA EKF (hereinafter referred to as the devices) are designed to measure the current in AC electrical circuits. The devices are intended to be used indoors, in electrical enclosures and electrical installations of industrial, residential, public buildings and structures. The devices comply with the requirements of IEC 61326-1, 60051-2, IEC 61010-1, IEC 61000-3-2.

### 2 TECHNICAL AND METROLOGICAL CHARACTERISTICS

Table 1

Rated operating voltage, V max.		400
Accuracy class	AMA-721, AMA-961	1,5
	AMA-801	2,5
Measuring range, A	Direct connection	0 – 5; 0 – 10; 0 – 50
	Via a current transformer with a 5 A secondary	0 – 5; 0 – 100; 0 – 150; 0 – 200; 0 – 300; 0 – 400; 0 – 600; 0 – 1000; 0 – 1500; 0 – 2000
Insulation resistance, MΩhm	Under normal conditions (t= 20±5°C, RH = 60±15%)	40
	High humidity conditions (t= 20±5°C, RH = 95%)	2
	At temperatures of 45±5°C and a relative humidity of up to 80%	5
Permissible long-term overload (not more than 2 hours) % of the top range value		120
Electromagnetic compatibility, immunity and emissions (IEC 61326)		Class B equipment
Mean time before failure, hours		250 000
Degree of protection (terminals / front panel)		IP20 / IP52
Mounting type		Enclosure front panel
Front panel size, mm	AMA-721	72x72
	AMA-801	80x80
	AMA-961	96x96

### 3 DELIVERY SCOPE

- Includes:
- ammeter (specific model) – 1 pc.;
  - mounting kit - 1 pc.
  - technical manual – 1 pc.

### 4 WARRANTY

Warranty period: 7 years from the date of sale, conditional on observing operation, transportation and storage requirements. Average service life: 20 years. Shelf life: 7 years.

### MANUFACTURER

Made to order and under the control of: OOO «Electroresheniya», Otradnaya st., 2b bld. 9, 5th floor, 127273, Moscow, Russia  
tel.: +7 (495) 788-88-15.  
MEA regional headquarters: EKF ELECTRICAL SOLUTION FZCO, Office 249, Techno Hub-2, Dubai Silicon Oasis, P.O. box 341079, Dubai, United Arab Emirates, tel. +9 (714) 547-06-18.  
Importer and EKF trademark service representative for the Republic of Kazakhstan: TOO «Energoresheniya Kazakhstan», Turgut Ozal st., 247, apt 4, Bostandyk district, Almaty, Kazakhstan.

### CERTIFICATE OF ACCEPTANCE AND VERIFICATION

Analog ammeter AMA-721, AMA-801, AMA-961 serial number \_\_\_\_\_ complies with regulatory requirements and has been approved for operation.

Initial and periodic verification of ammeters performed in accordance with IEC 60364-6 Low voltage electrical installations - Part 6: Verification.

Verification interval 2 years

Information about verification has been filed with the responsible authorities.

Verification officer \_\_\_\_\_

« \_\_\_\_\_ » 20 \_\_\_\_

Quality control stamp \_\_\_\_\_

Operation manual can be downloaded by QR-code



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