

## TECHNICAL SPECIFICATION

### Digital voltmeter/ammeter and frequency meter EKDP7



#### Description:

Digital device adjusted for mounting on the front panel of electrical boards and offered in the following types:

- Amperemeter:

EKDP7 – AA – amperemeter for alternating current

EKDP7 – DA – amperemeter for direct current

- voltmeter

EKDP7 – AV – voltmeter for alternating current

EKDP7 – DV – voltmeter for direct current

EKDP7 – Hz – frequency meter

It is supplied with LCD display where the measurement quantity is displayed with numbers with 3 1/2 size. It has high accuracy of analogue-digital transfer, measurement precision and electromagnetic interference stability. There is possibility for adjustment of the measurement range through built in micro switches. Adjusted to measure direct current and alternating current quantities.

### Technical data:

- Power supply voltage: 100 - 240V; 50Hz
- Inlet signal:
  - operating as voltmeter: 2 – 700V (the range is adjusted from inside)
  - operating as amperemeter: 5 – 2000A (the range is adjusted from inside)

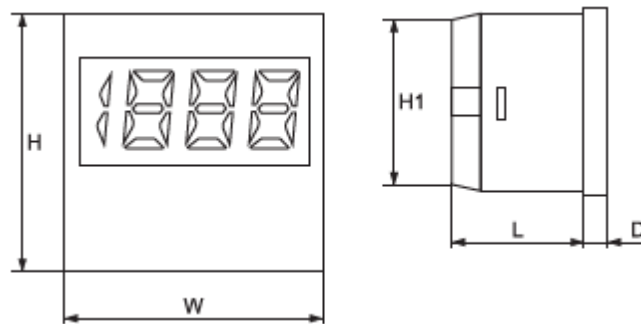
**Note:** For high current range a current measurement transformer should be used for alternating current device and a measurement shunt for direct current.

- Consumption: <5A
- Impulse voltage wear resistance: 4000V; 50Hz (1min)
- Operating temperature: -5 ÷ +65°C
- Humidity: 35 – 85%RH
- Precision: 0.5% from the whole scale
- Display: LCD
- Weight: 130gr

### Mounting:

- on the front panel

### Dimensions:



H	W	H1	D	L
72	72	68	6	42

**Variants:**

Type	Packing / Box (pcs)	Catalogue number
EKDP7 - AV	1 / 84	50106
EKDP7 - AA	1 / 84	50107
EKDP7 - DV	1 / 84	50108
EKDP7 - DA	1 / 84	50109
EKDP7 - HZ	1 / 84	50110

**Standards**

EN 61010-1

