



## 72LVS, 96LVS, 72LVS-1, 96LVS-1

For measuring AC voltages in 4-wire networks by using a change over switch displayed on the front side of the instrument. The error-display LED is indicating in case of phase drop out.

### Technical data

**Movement:** Moving-iron movement with spring-type oil filled bearings, practically vibration-free oil damping.

**Class of accuracy:** ±1.5 %

**Permanent overload:** 1.2 - fold voltage.

**Scale length:** see table

**Frequency range:** 15 ... 50 ... 100 Hz.

**Instrument case:** see table

**Weight:** max. 0.4 kg for types 72 LVS, 72LVS-1  
max. 0.5 kg for types 96LVS, 96LVS-1

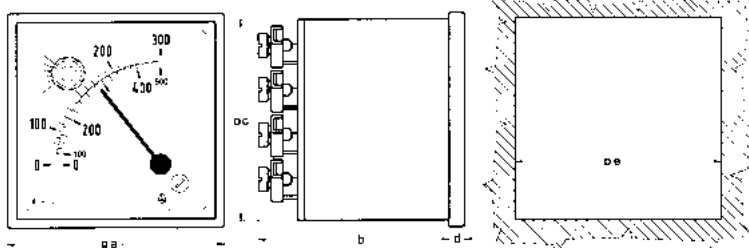
**Fixing elements:** plastic clips or two spring-type fastening clips (DIN 43835 "A") for metal case instruments



Positions:	OFF L1-L2 L2-L3 L1-L3 L1-N L2-N L3-N +ERROR	OFF L1-L2 L2-L3 L1-L3 L1-N L2-N L3-N	OFF L1-L2 L2-L3 L1-L3 L1-N L2-N L3-N +ERROR	OFF L1-L2 L2-L3 L1-L3 L1-N L2-N L3-N				
Measuring range	<b>Plastic case ■</b>				<b>Metal case</b>			
	<b>Scale length:</b>							
	41 mm	75 mm	41 mm	75 mm	50 mm	75 mm	50 mm	75 mm
	<b>Frame dimensions (a)</b>							
	72x72 mm	96x96 mm	72x72 mm	96x96 mm	72x72 mm	96x96 mm	72x72 mm	96x96 mm
	72 LVS Cat. No. 2550-13- ...	96 LVS Cat. No. 2551-13- ...	72 LVS-1 Cat. No. 2550-13- ...	96 LVS-1 Cat. No. 2551-13- ...	72 LVS Cat. No. 2119-13-...	96 LVS Cat. No. 2116-13- ...	72 LVS-1 Cat. No. 2119-13- ...	96 LVS-1 Cat. No. 2116-13- ...
60 / 100 V	001	001	011	011	001	001	011	011
80 / 150 V	002	002	012	012	002	002	012	012
100 / 200 V	003	003	013	013	003	003	013	013
150 / 250 V	004	004	014	014	004	004	014	014
250 / 400 V	005	005	015	015	005	005	015	015
■ 300 / 500 V	006	006	016	016	006	006	016	016
360/600V	007	007	017	017	007	007	017	017

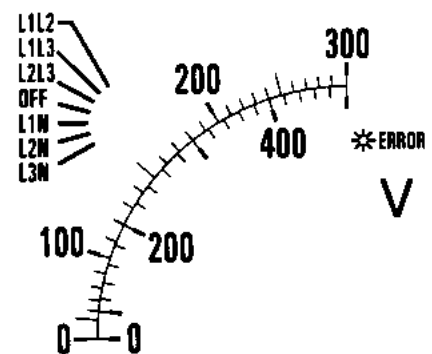
■ standard

**Note:** On request orders for types different from table are accepted.



Type	Dimensions (in mm.)				
	a	b	c	d	e
72 LVS, 72LVS-1	72	54	66	5	68±0.7
96 LVS, 96LVS-1	96	54	90	5	92±0.8

Scale 72LVS



### Order specification:

-Moving-iron voltmeter with change over switch.  
-Frame dimensions: **96x96 mm**  
-Voltage range: **300 / 500 V**  
Option: 1 scale **500V**

### Ordering data:

-Moving-iron voltmeter with change over switch.  
-Type: **96 LVS**  
-Cat. No. **2551-13-006**