



## 45DwA, 45DwV

For measuring AC current or voltage with interchangeable scales

### Technical data:

**Movement:** moving-coil  
with pivot spring type bearing

**Instrument case:** non-flammable plastics acc. to UL94-V1.

**Scale length:** 40 mm

**Permanent overloading:** 1.2 -fold current res. voltage

**Class of accuracy:** 1.5 for sinusoidal AC, (calibration is true r.m.s.)

**Frequency range:** - 15 ... 50 ... 5000 Hz for all voltmeters and  
ammeters at range of 1 mA to 600 mA,  
- 50 ... 60 Hz for ammeters at range of 1 A to 5 A

**Weight:** 0.2 kg

**Connections:** screw terminals for cable up to 8 mm<sup>2</sup>

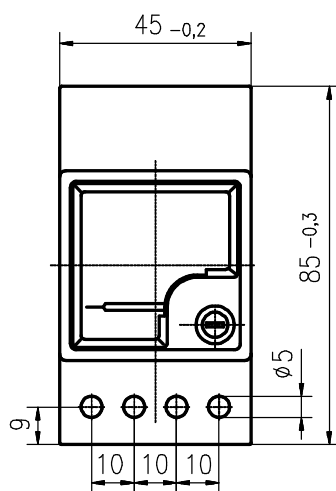
**Mounting:** rail 35 mm (EN 50022)



### AMMETERS

Measuring ranges	Type: 45DwA voltage drop or consumption
0- 1mA... ..600mA	max. 1,2 V
0- 1 A... ..5A	max. 0,3 VA
0- 1 A.....5 A	↓
. .../1A *	
..../5 A *	

\* with current transformer

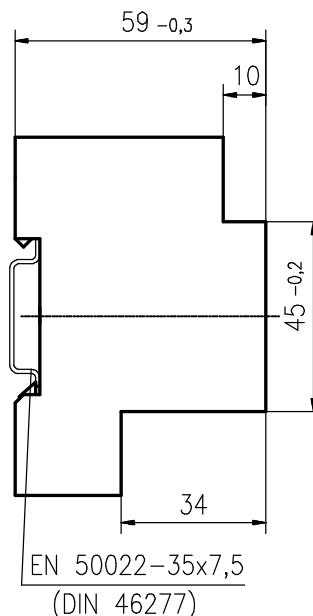


### VOLTMETERS

Measuring ranges	Type: 45DwV int. resistance
0 - 6 V...600 V	max. 1000 Ω/V
.../100 V **	↓
.../110 V **	

\*\* with voltage transformer

**Note:** on request types different from tables are accepted



### Order specification:

-Moving-coil rail mounted ammeter  
with rectifier for AC

-Frame size: 45x45 mm

-CT: 100/1 A

-Scale: 0...100A

### Ordering data:

45DwA  
CT: 100/1 A  
Scale: 0 – 100A