

FOR SYNCHRONIZING INSTRUMENTS

DOUBLE VOLTMETERS

Two moving iron systems. True effective value.

- Scale: 90°
- Accuracy: 1,5 %
- Measuring range: 100, 110, 230, 400, 440 V
- Frequency: 45..65 Hz
- Burden: 1,5..3 VA



| Model | | EC3VII | | | EC2VII | |
|-------------------|-----|---------|---------|---------|---------|---------|
| Dimensions | mm | 96x96 | | | 144x144 | |
| Approx. weight | Kg. | 0,31 | | | 0,46 | |
| DOUBLE VOLTMETERS | | | | | | |
| Measuring range | Vn | 2x100 V | 2x110 V | 2x230 V | 2x400 V | 2x440 V |
| Scales | | 2x165 V | 2x180 V | 2x380 V | 2x660 V | 2x720 V |

DIFFERENTIAL VOLTMETERS

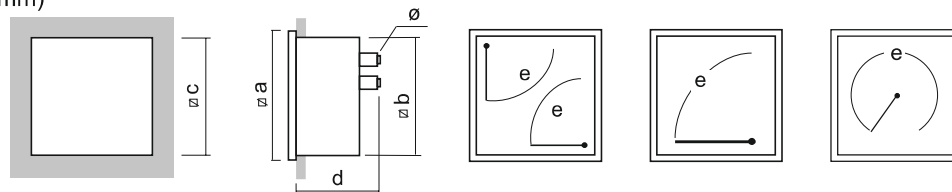
Difference (%) between two synchronizing voltages.

- Accuracy: 1,5 %
- Burden: 10 mA
- Frequency: 50 or 60 Hz
- Measuring range: 100, 110, 230, 400, 440 V



| Model | | CC3VGD | CC2VGD | CC3CGD | CC2CGD |
|-------------------------|-----|----------------------------|---------|--------|---------|
| Dimensions | mm | 96x96 | 144x144 | 96x96 | 144x144 |
| Approx. weight | Kg. | 0,40 | 0,65 | 0,74 | 0,80 |
| DIFFERENTIAL VOLTMETERS | | | | | |
| Scales | | 100..15 - 0 - 15..100 % ΔV | | | |

Dimensions (mm)



| Models | Ranges | ∇a | ∇b | ∇c | d | e | ø |
|--------|---------|-----|-----|--------------------|-----|------|-----|
| EC3VII | 100÷440 | 96 | 89 | 92 ^{+0,8} | 59 | 2x55 | M,4 |
| EC2VII | 100÷440 | 144 | 135 | 138 ⁺¹ | 59 | 2x68 | M,4 |
| CC3VGD | 100÷440 | 96 | 89 | 92 ^{+0,8} | 78 | 100 | M,4 |
| CC2VGD | 100÷440 | 144 | 135 | 138 ⁺¹ | 92 | 140 | M,4 |
| CC3CGD | 100÷440 | 96 | 89 | 92 ^{+0,8} | 128 | 140 | M,4 |
| CC2CGD | 100÷440 | 144 | 135 | 138 ⁺¹ | 92 | 220 | M,4 |

Connection diagrams

