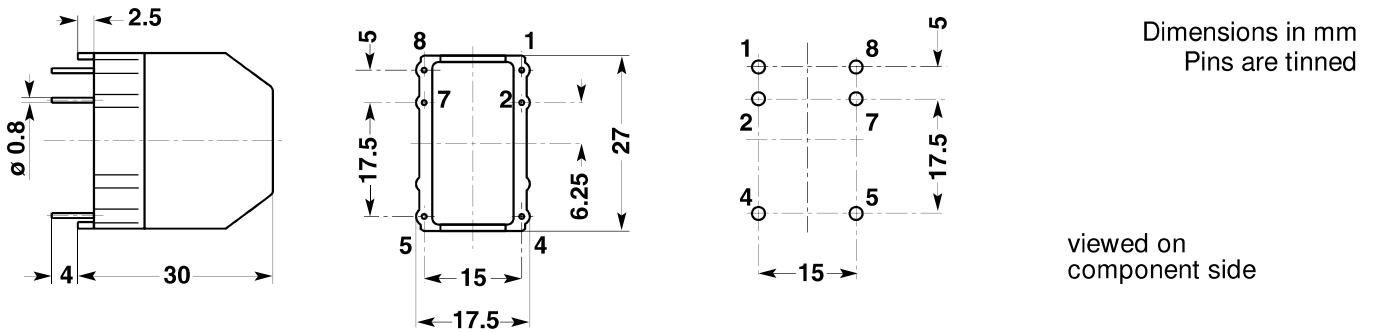
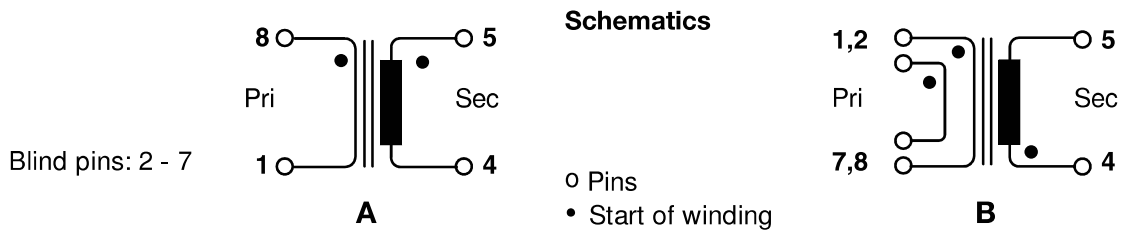




These current sense transformers are fitted with high-permeability toroidal core (ferrite) and feature across the secondary (under given conditions) a voltage proportional to the primary current. They are used as control and protection devices to sense current without any disturbance to the circuits in SMPS, lighting and UPS equipment.



**69V30**  
Vertical mounting



**TYPES**

| Code        | Turns ratio<br>Pri/Sec | Pri current<br>A | Sec<br>Inductance mH<br>(Rated) | DC<br>resistance<br>$\Omega$ max. | Schem. |
|-------------|------------------------|------------------|---------------------------------|-----------------------------------|--------|
| 69V30 55 00 | 1/500                  | 5                | 600                             | 18                                | A      |
| 69V30 A5 00 | 1/500                  | 10               | 600                             | 18                                | B      |
| 69V30 B1 00 | 1/100                  | 20               | 20                              | 1.4                               | B      |
| 69V30 B2 00 | 1/200                  | 20               | 80                              | 4.5                               | B      |
| 69V30 B3 00 | 1/300                  | 20               | 180                             | 11                                | B      |
| 69V30 B5 00 | 1/500                  | 20               | 600                             | 18                                | B      |

Electrical specifications with rated secondary resistance and 1 turn primary. Table shows the standard types. Other types can be supplied according to customer's specifications.

**Technical Data**

Rated inductance: at +20°C and 10 kHz, 0.1 mA  
 Inductance tolerance: +50 -30%  
 Operating frequency: 20 kHz plus  
 Current primary peak (1 turn): 20A  
 Operating temperature: -30 to +125°C  
 Dielectric strenght Pri/Sec: 4000 Vac  
 Scale factor with rated terminating resistance: Vout 1V per 1A  
 Approx. weight: 16 g

The transformers are designed and tested in accordance with EN 138100; EN 60938-1  
 The cases are of flame-retardant plastic material in accordance with UL 94V-0