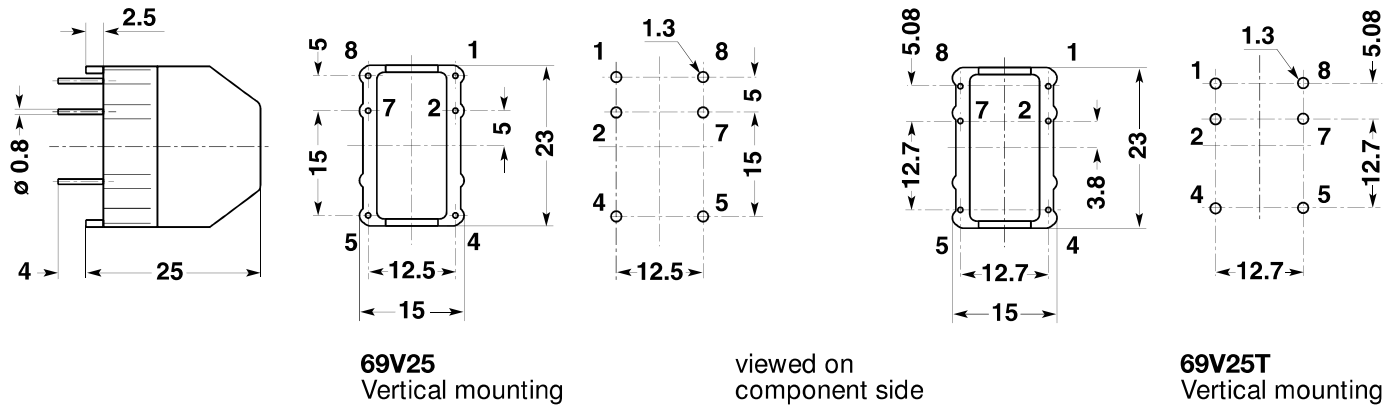


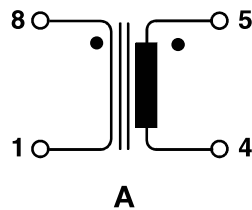


These current sense transformers are fitted with high-permeability toroidal core (ferrite) and feature across the secondary (under given conditions) a voltage proportional to the primary current. They are used as control and protection devices to sense current without any disturbance to the circuits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



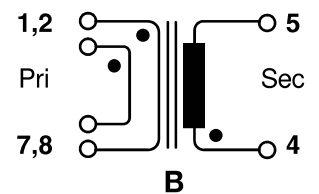
Dimensions in mm
Pins are tinned

Blind pins: 2 - 7



Schematics

○ Pins
• Start of winding



TYPES

Code		Turns ratio Pri/Sec	Pri current A	Sec Induct. mH Rated	DC resistance Ω max.	Recomm. terminat. resist. Ω nom.	Schem
69V25 50 50	69V25T 50 50	1/50	5	5	0.7	50	A
69V25 51 00	69V25T 51 00	1/100	5	20	1.4	100	A
69V25 52 00	69V25T 52 00	1/200	5	80	4.5	200	A
69V25 53 00	69V25T 53 00	1/300	5	180	11	300	A
69V25 A0 50	69V25T A0 50	1/50	10	5	0.7	50	B
69V25 A1 00	69V25T A1 00	1/100	10	20	1.4	100	B
69V25 A2 00	69V25T A2 00	1/200	10	80	4.5	200	B
69V25 A3 00	69V25T A3 00	1/300	10	180	11	300	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: 12 g

See technical notes p. 92.