

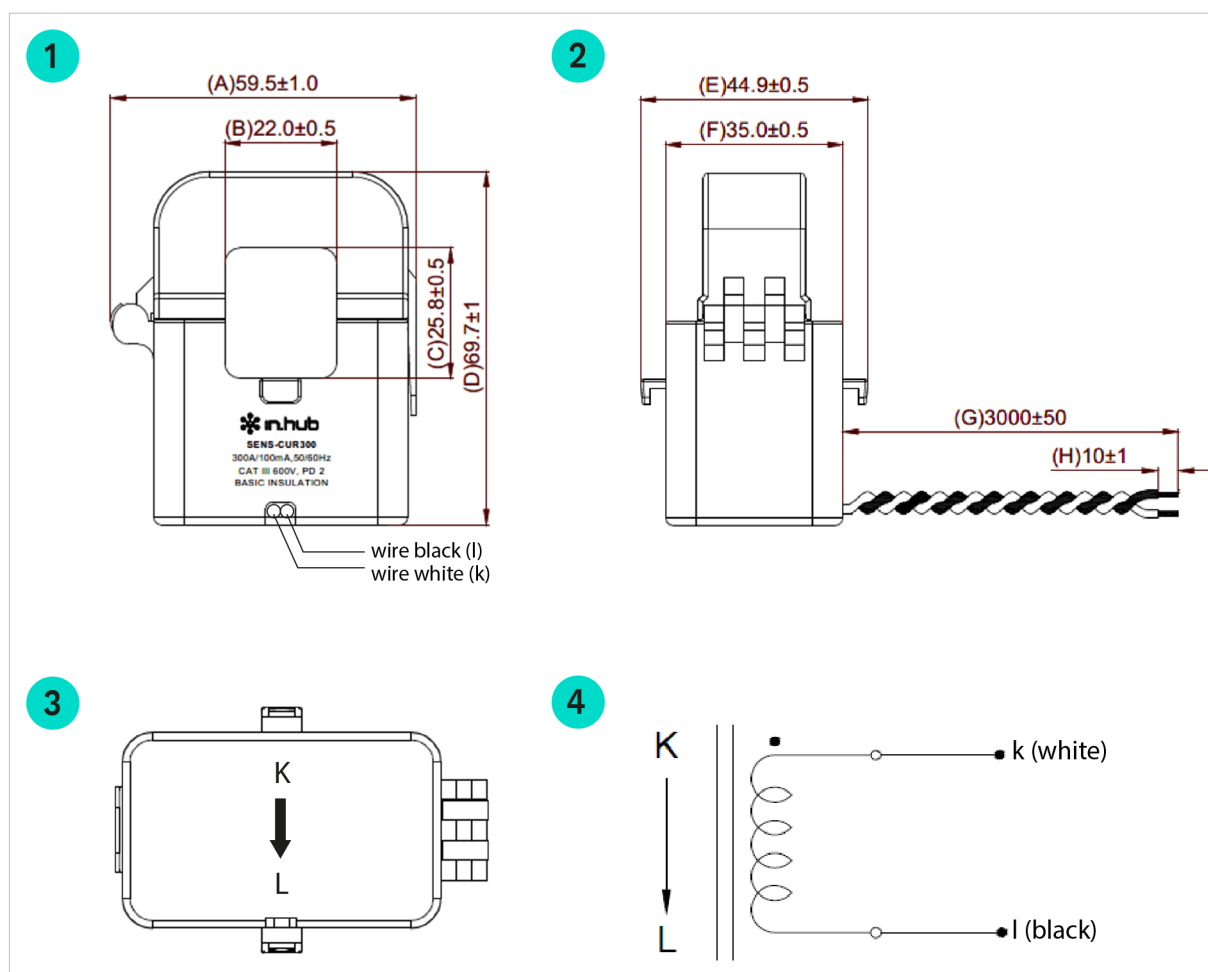


Current sensor SENS-CUR300

Technical data sheet

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Schematic diagram



Dimensions of the SENS-CUR300 in mm

1	Front view
2	Side view
3	View from below
4	Schematic diagram for connecting the current sensor

Technical data

Electrical specifications	Values
Primary rated current (amps) 50 Hz / 60 Hz	300 A (15 - 360 A max.)
Turns ratio	1:3000
Transformation ratio	300 A / 100 mA
Resistance at 20°C (Ω)	95 max.
Accuracy at $R_b \leq 10 \Omega$	0.5%
Protection category	600 V CAT III
Insulation resistance	DC500 V / 100 M Ω min
Housing	Insulated plastic housing PA66, recognised according to UL 94-V0
Temperature range during operation	Operation: -40°C to 85°C
Temperature range during storage	Storage: -40°C to 90°C
Ambient conditions	Controlled environment, pollution degree 2, operating altitude up to max. 2,000 m

Mechanical specifications	Values
Opening angle	180°
Connecting cable	UL1015 22AWG PVC cable (white, black) 105°C, 600 V
Length of the connecting cable	3 m
Opening for the power cable	22×25.8 mm
Weight	140 g

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in.hub GmbH
Technologie-Campus 1
DE-09126 Chemnitz

+49 371 335 655 00
info@inhub.de