



Representative Photo Only  
(actual product may vary based on configuration selections)

**CURRENT TRANSFORMER 50/5A**

- Available in a broad range of primary currents 40 to 6000A
- 5A secondary (1A secondary available upon request)
- Cable or Busbar type
- Solid core
- High accuracy Class 0.5

**SPECIFICATIONS**

Product Series	TAIBB
Component Type Metering	Current Transformer
I <sub>pn</sub> , Primary Current, Rated	50 A
I <sub>sn</sub> , Secondary Current, Rated	5 A
Accuracy Class	1 Class
Burden, Accuracy Class 1	1 VA
Burden, Accuracy Class 3	1.5 VA
Rated Frequency	50 Hz
Operational Frequency, Min	47 Hz min
Operational Frequency, Max	63 Hz max
U <sub>m</sub> , System Voltage, Max (rms)	0.72 kV (rms)
Insulation Class	B
U <sub>i</sub> , Rated Insulation Voltage	3000 V (rms)
Rated Insulation Time, Max	60 s
Details, Insulation	Dry transformer, air insulation
I <sub>th</sub> , Thermal Current, Short Time, 1s	3 kA
I <sub>cth</sub> , Thermal Current, Continuous	0.05 kA
I <sub>dyn</sub> , Current, Dynamic	7.5
Security Factor	≤5
Power Dissipation, Max	3 W
Busbar / Cable Temperature, Max	125 °C
Mounting (Multiple)	Busbar Mount DIN-35 Rail Mount
Material, Body / Housing	PC (Polycarbonate) material
IP rating, body / housing	IP40
IP Rating, Terminals	IP20
Height	44 mm
Width	59.5 mm

# Catalogue No: TAI BB 50/5A

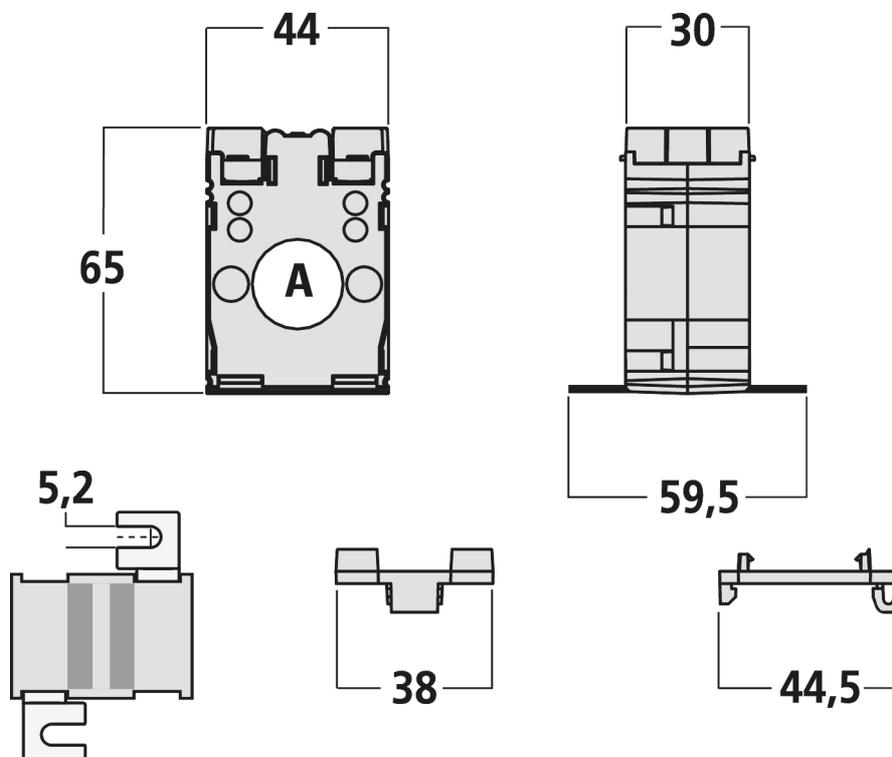
## CURRENT TRANSFORMER 50/5A

Energy Management and Building Automation > Energy Management and Metering > Transducers and Transformers > IME Solid Core Current Transformers > Cable Type Current Transformers > TAIBB



Depth	65 mm
Weight	0.18 kg
Operating Temperature, Min	-25 °C min
Operating Temperature, Max	50 °C max
Continuous Temperature, Max	30 °C
Storage Temperature, Min	-40 °C min
Storage Temperature, Max	85 °C max
Relative Humidity, Max	85 %RH
Humidity Type	Short-Term Condensation
Standards Compliance	EN 61869-1 EN 61869-2 IEC 61869-1 IEC 61869-2

REFERENCES	
IECEx Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-

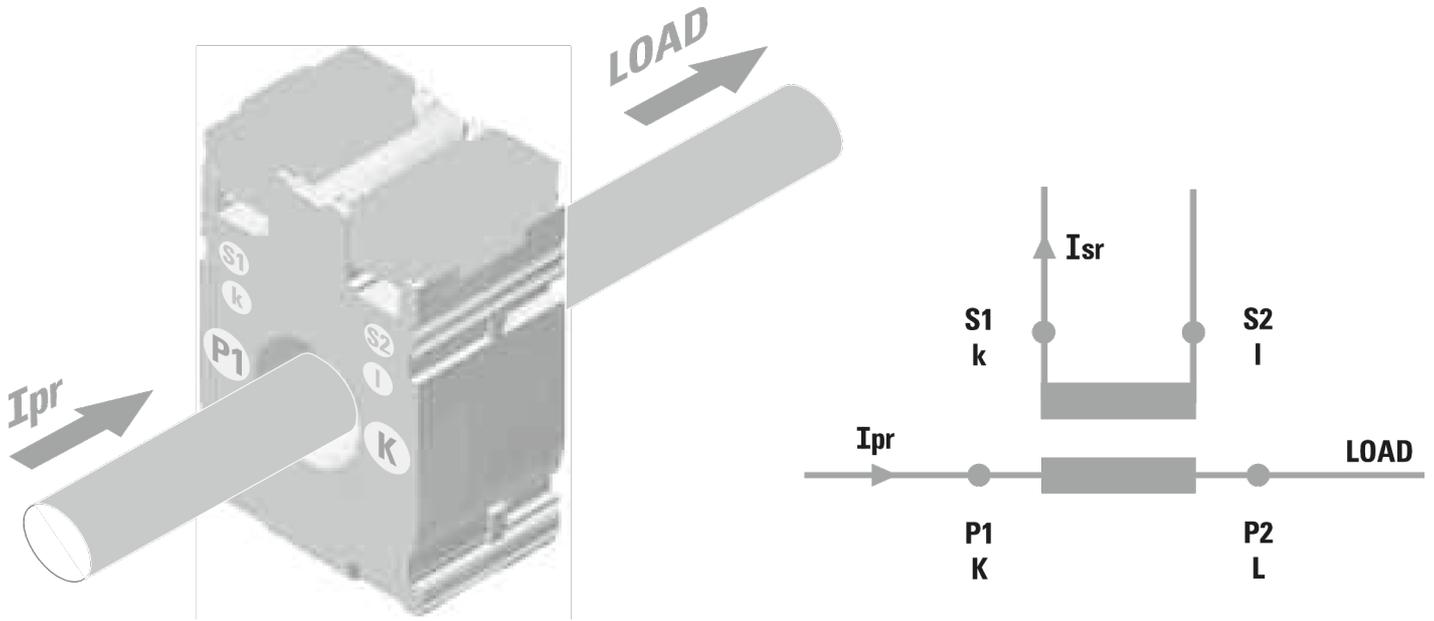


Dimension Diagram

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Connection / Wiring Diagram