

Catalogue No: **TAS102 1600/5A**

CT SOLID CORE 1600/5A 102 x 38mm 15VA CL1 12VA CL0.5

Energy Management and Building Automation > Energy Management and Metering > Transducers and Transformers > IME Solid Core Current Transformers > Busbar Type Current Transformers > TAS102



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

CT 1600/5A 102X38

- 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	TAS102
Component Type Metering	Current Transformer
Orientation, Mounting	Vertical orientation
I _{pn} , Primary Current, Rated	1600 A
I _{sn} , Secondary Current, Rated	5 A
Accuracy Class	0.5 Class 1
Burden, Accuracy Class 0.5	12 VA
Burden, Accuracy Class 1	15 VA
Rated Frequency	50 Hz
Operational Frequency, Min	47 Hz min
Operational Frequency, Max	63 Hz max
U _m , System Voltage, Max (rms)	0.72 kV (rms)
Insulation Class	B
U _i , Rated Insulation Voltage	3000 V (rms)
Rated Insulation Time, Max	60 s
Details, Insulation	Dry transformer, air insulation
I _{th} , Thermal Current, Short Time, 1s	90 kA
I _{dyn} , Current, Dynamic	225
Power Dissipation, Max	25 W
Busbar / Cable Temperature, Max	125 °C
Tightening Torque, Busbar, Max	0.2 Nm
Mounting	Busbar Mount
Window Size	102 x 38 mm
Height, Window	102 mm
Width, Window	38 mm
Material, Body / Housing	PC (Polycarbonate) material
IP rating, body / housing	IP40

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IP Rating, Terminals	IP00
Details, IP Rating	IP20 (with sealable terminal cover)
Height	98 mm
Width	40 mm
Depth	129 mm
Weight	1 kg
Operating Temperature, Min	-25 °C min
Operating Temperature, Max	40 °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 60044-1 IEC 60044-1

REFERENCES

IECEx Certificate -

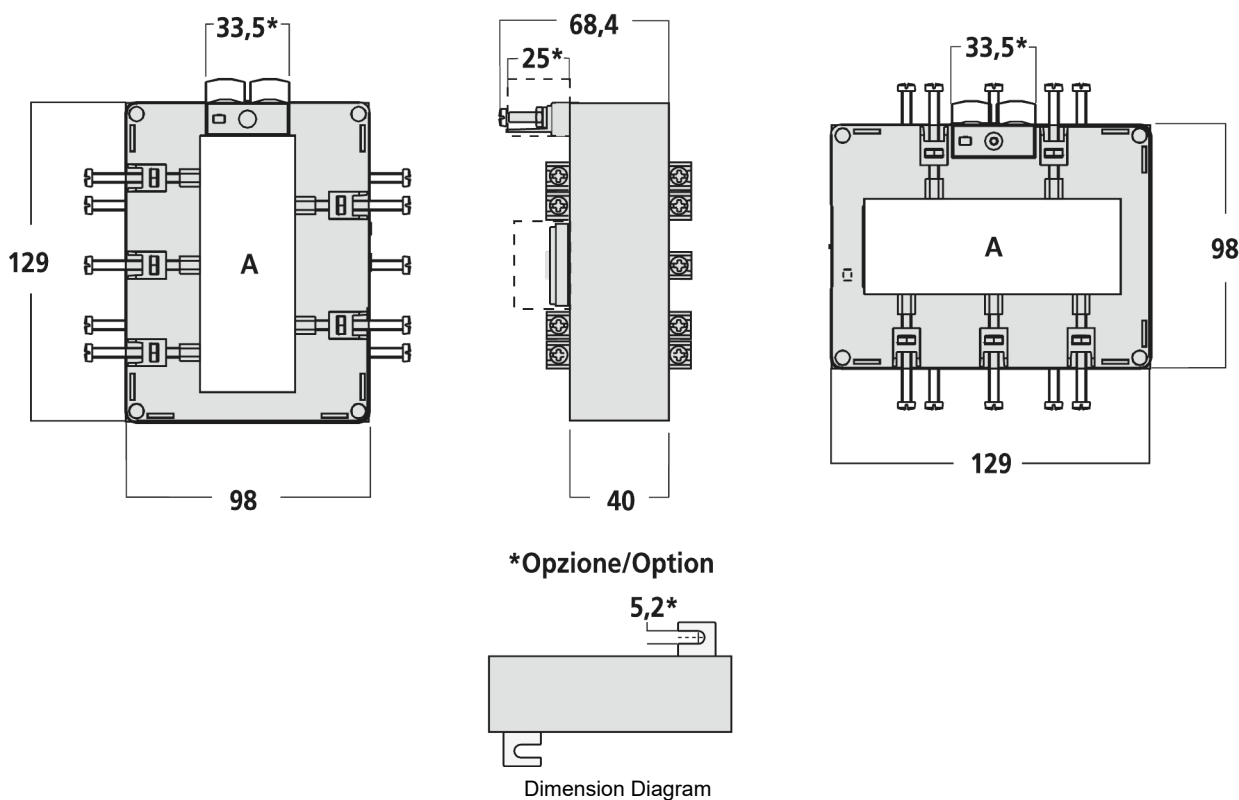
Supplier Declaration of Conformity: -

Installation Guide: -

User Manual: -

Manufacturer Datasheet: -

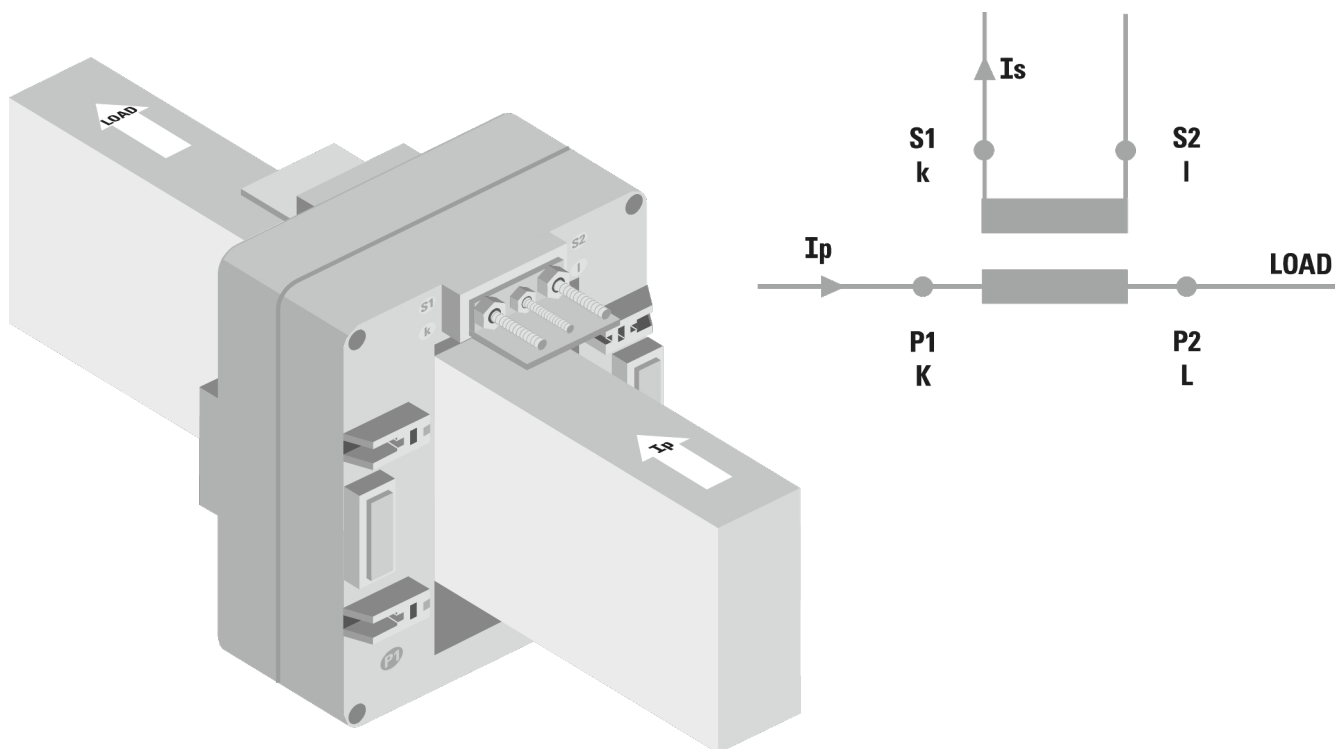
Manufacturer Catalogue & Product Selection: -



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Connection / Wiring Diagram