



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

**CURRENT TRANSFORMER 100/1A 27MM**

- 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	TA327
Component Type Metering	Current Transformer
I <sub>pn</sub> , Primary Current, Rated	100 A
I <sub>sn</sub> , Secondary Current, Rated	1 A
Accuracy Class	0.5 Class 1
Burden, Accuracy Class 0.5	1.5 VA
Burden, Accuracy Class 1	3 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	6 kA
I <sub>cth</sub> , Thermal Current, Continuous	0.1 kA
I <sub>dyn</sub> , Current, Dynamic	15
Security Factor	<=5
Power Dissipation, Max	7 W
Busbar / Cable Temperature, Max	125 °C
Mounting (Multiple)	Busbar Mount DIN-35 Rail Mount
Window Size	ø 27 mm
Diameter, Window	27 mm
Material, Body / Housing	PC (Polycarbonate) material
IP rating, body / housing	IP40
IP Rating, Terminals	IP20

# Catalogue No: TA3271001A

## CT SOLID CORE 100/1A 27mm 3VA CL1 1.5VA CL0.5

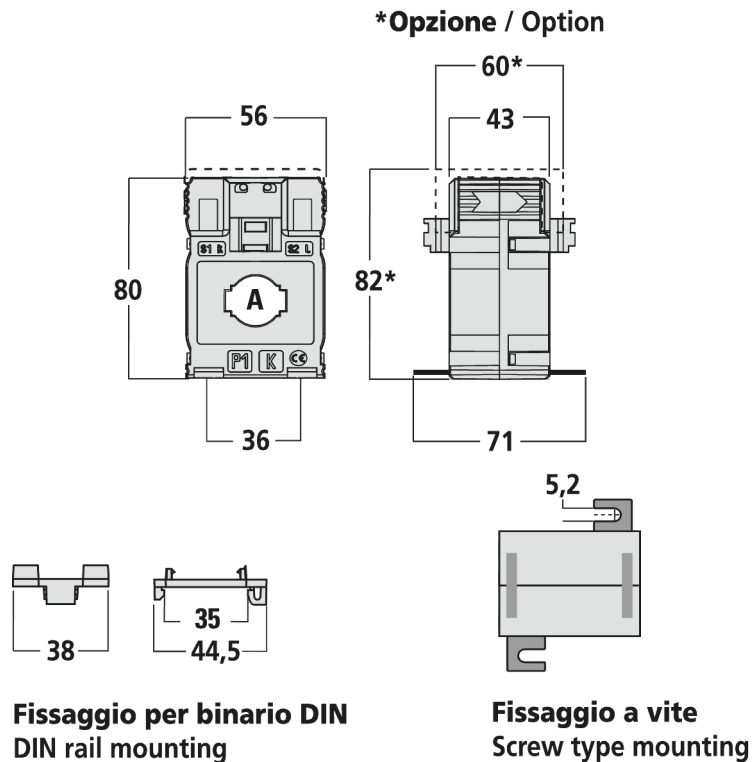
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Height	36 mm
Width	71 mm
Depth	80 mm
Weight	0.26 kg
Operating Temperature, Min	-25 °C min
Operating Temperature, Max	50 °C max
Continuous Temperature, Max	30 °C
Storage Temperature, Min	-40 °C min
Storage Temperature, Max	85 °C max
Relative Humidity, 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:	-

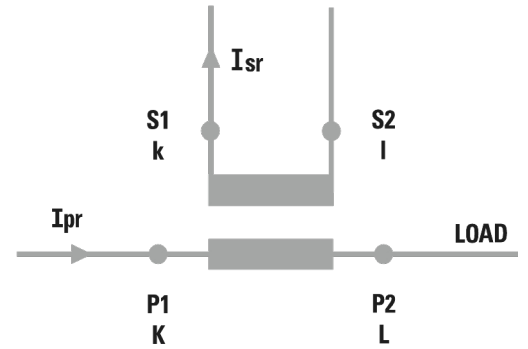


Dimension Diagram

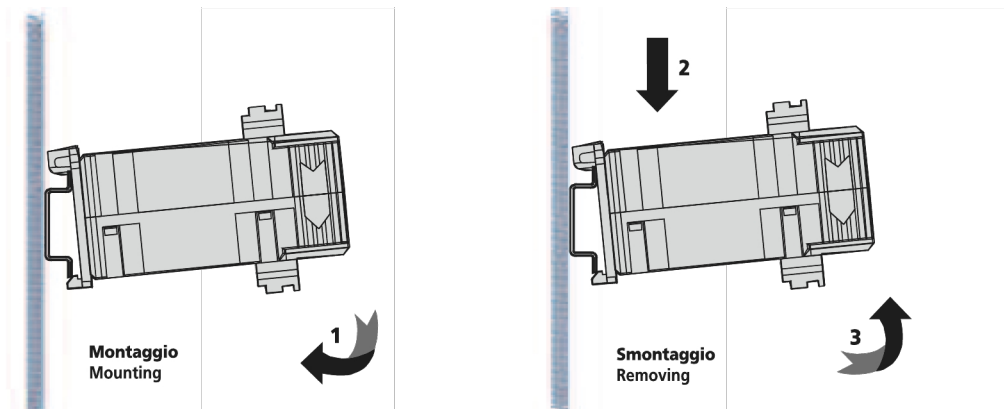
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Connection / Wiring Diagram



Technical Diagram