



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

**CURRENT TRANSFORMER 500/5A 32MM**

- 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                                    | TA432                             |
| Component Type Metering                           | Current Transformer               |
| I <sub>pn</sub> , Primary Current, Rated          | 500 A                             |
| I <sub>sn</sub> , Secondary Current, Rated        | 5 A                               |
| Accuracy Class                                    | 0.5 Class 1                       |
| Burden, Accuracy Class 0.5                        | 10 VA                             |
| Burden, Accuracy Class 1                          | 12 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 | 30 kA                             |
| I <sub>cth</sub> , Thermal Current, Continuous    | 0.5 kA                            |
| I <sub>dyn</sub> , Current, Dynamic               | 75                                |
| Security Factor                                   | ≤5                                |
| Power Dissipation, Max                            | 9 W                               |
| Busbar / Cable Temperature, Max                   | 125 °C                            |
| Mounting (Multiple)                               | Busbar Mount<br>DIN-35 Rail Mount |
| Material, Body / Housing                          | PC (Polycarbonate) material       |
| IP rating, body / housing                         | IP40                              |
| IP Rating, Terminals                              | IP20                              |
| Height                                            | 70 mm                             |
| Width                                             | 76 mm                             |

# Catalogue No: TA4325005A

## CURRENT TRANSFORMER 500/5A 32mm

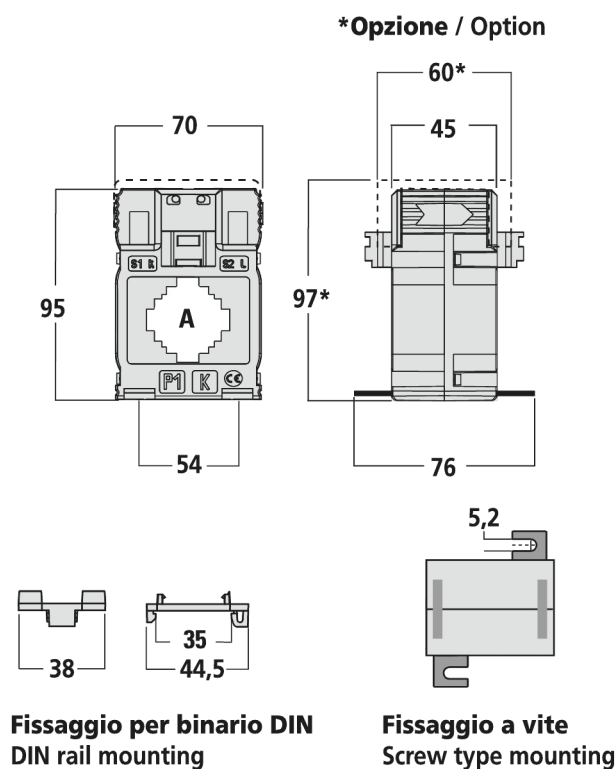
Energy Management and Building Automation > Energy Management and Metering > Transducers and Transformers > IME Solid Core Current Transformers > Cable Type Current Transformers > TA432



|                             |                                                        |
|-----------------------------|--------------------------------------------------------|
| Depth                       | 95 mm                                                  |
| Weight                      | 0.42 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<br>EN 61869-2<br>IEC 61869-1<br>IEC 61869-2 |

### REFERENCES

|                                             |                                                  |
|---------------------------------------------|--------------------------------------------------|
| IECEx Certificate                           | -                                                |
| Supplier Declaration of Conformity:         | -                                                |
| Installation Guide:                         | -                                                |
| User Manual:                                | -                                                |
| Manufacturer Datasheet:                     | <a href="#">TA4325005A_ManufacturerDatasheet</a> |
| Manufacturer Catalogue & Product Selection: | -                                                |

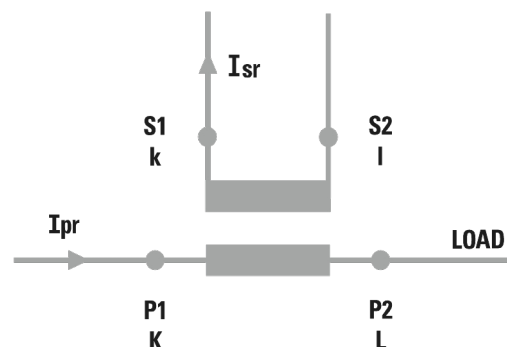


Dimension Diagram

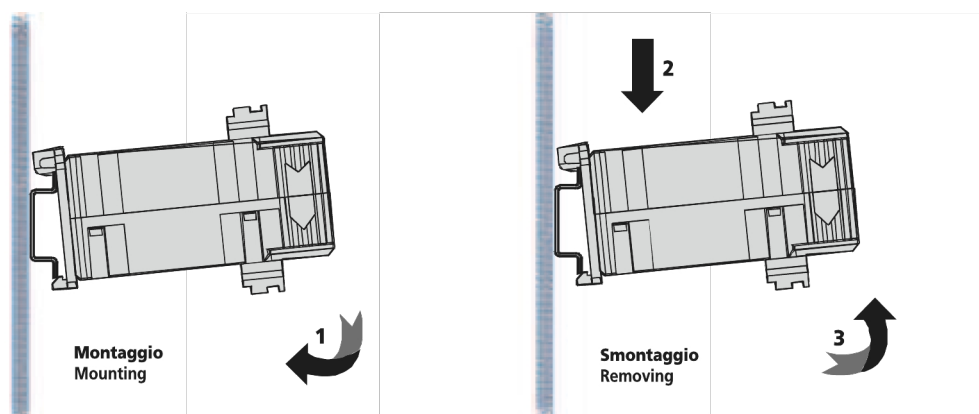
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Connection / Wiring Diagram



Technical Diagram