

## ENCAPSULATED MEASURING CURRENT TRANSFORMER

GT 05 SERIES

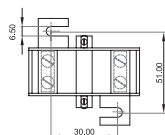
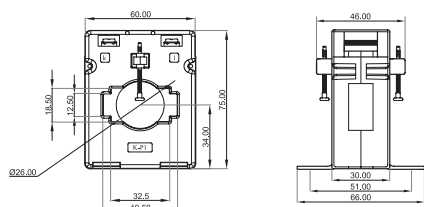


### FEATURES

- Suitable for circular conductors
- Provided with mounting clamps and screws
- Optional with DIN Rail mounting clip
- Safety locks for secondary terminals
- Performs according to IEC 61869-2 (revised IEC 60044-1) standards
- Fully RoHS compliant
- Place of manufacture is certified according to ISO 9001:2008 / ISO 14001:2004
- More details on request or in the single data sheets

### ELECTRICAL SPECIFICATION

|   |                        |
|---|------------------------|
| Highest System Voltage                  | 0.72 kV                |
| Short-time Thermal current ( $I_{th}$ ) | 60 x $I_n$             |
| Nominal Frequency                       | 50/60 Hz               |
| Dynamic Current ( $I_{dyn}$ )           | 2.5 x $I_{th}$         |
| Temperature / Insulation Class          | E                      |
| Accuracy Class                          | .1 (or) 0.5            |
| Rated Secondary Current                 | .5A or 1A              |
| Ambient Temperature                     | 40°C                   |
| Applicable Standard                     | IEC -61869-2 / IS-2705 |
| Instrument Security factor              | FS 5                   |



All dimensions are in mm

#### Primary Conductor (Max recommended size)

|                  |            |
|------------------|------------|
| Busbar Conductor | 40 x 12 mm |
|                  | 32 x 18 mm |
| Round conductor  | Ø26mm      |

| Secondary Current     |             | 5A                   | 1A        |
|-----------------------|-------------|----------------------|-----------|
| Accuracy Class        |             | Class 1              | Class 1   |
| Primary Current $I_p$ | Burden (VA) | Ordering Part Number |           |
| 100                   | 1           | GT05-5000            | GT05-6000 |
| 150                   | 2,5         | GT05-5001            | GT05-6001 |
| 200                   | 2,5         | GT05-5002            | GT05-6002 |
| 250                   | 2,5         | GT05-5003            | GT05-6003 |
| 300                   | 5           | GT05-5004            | GT05-6004 |
| 400                   | 5           | GT05-5005            |           |
| 500                   | 5           | GT05-5006            |           |
| 600                   | 10          | GT05-5007            |           |
| 750                   | 10          | GT05-5008            |           |
| 800                   | 10          | GT05-5009            |           |