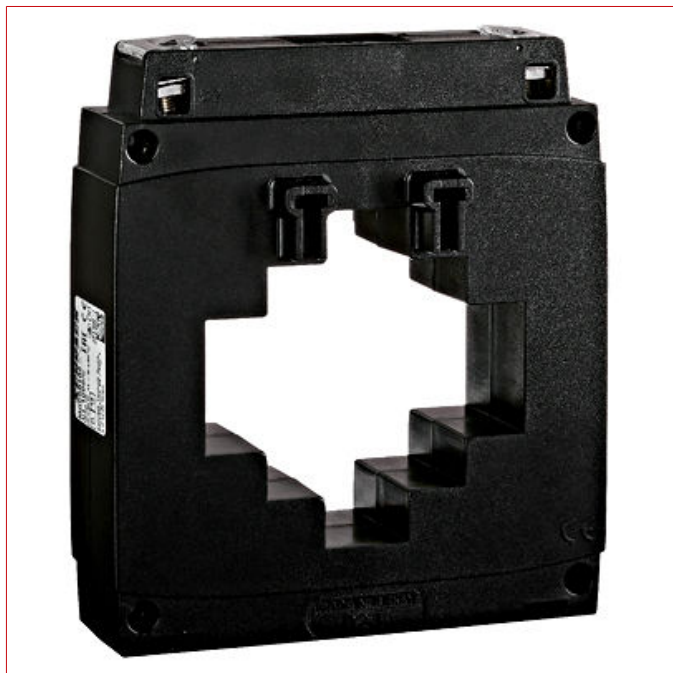


Данни за артикула: MGC58100--

# Токов трансформатор 1000/5A 80x30, class 0.5

Входящ ток 1000A, Burden Class 0.5 (10VA)



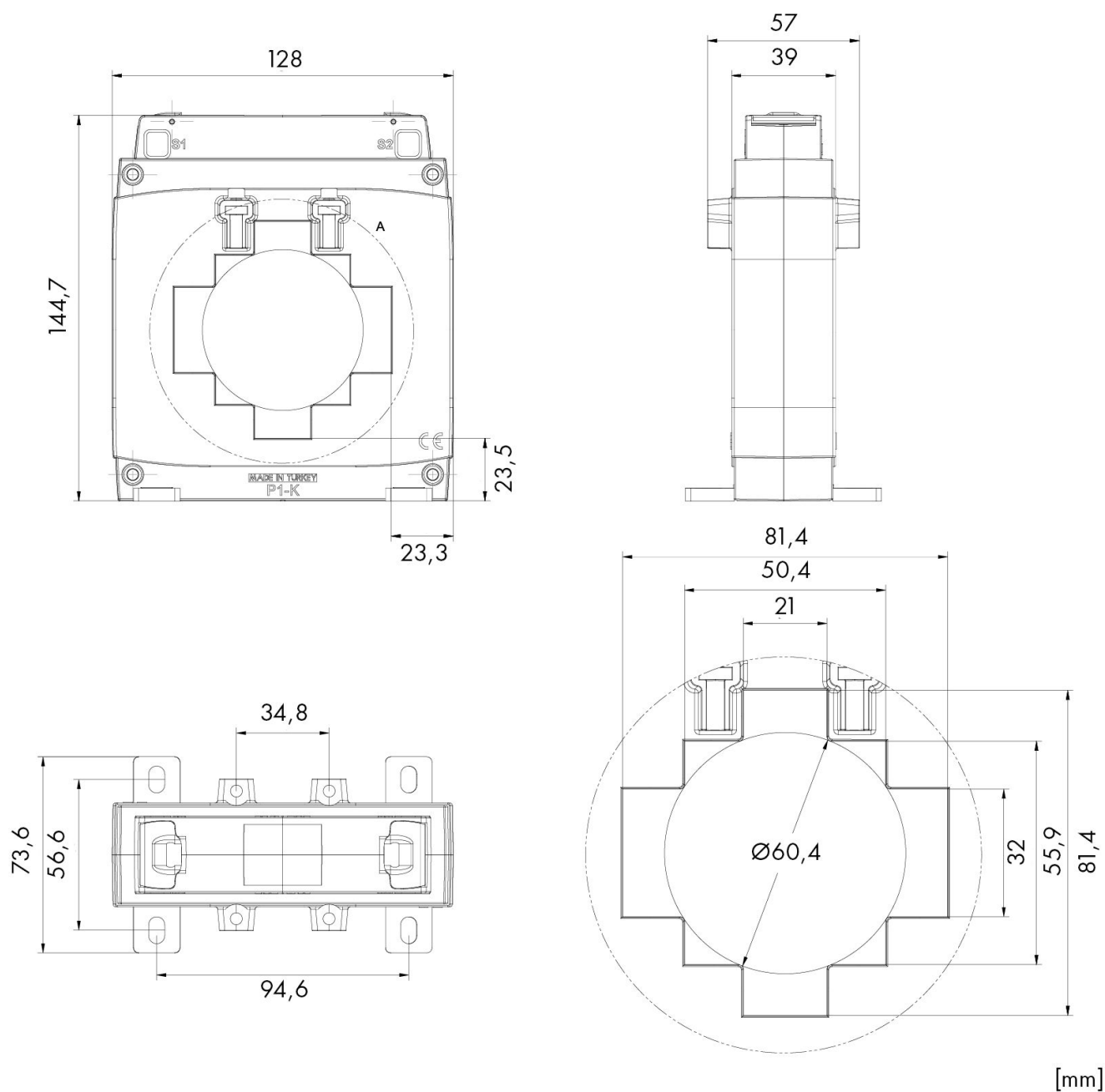
## Технически данни

|                                    |                                                                                                                                                                                                                                                                                    |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Степен на защита - IP              | IP20                                                                                                                                                                                                                                                                               |
| Burden                             | Class 0.5 (10VA)                                                                                                                                                                                                                                                                   |
| Note                               | Due to dangerous overvoltage and overheating, the Current Transformer is not allowed to be operated with open secondary Side. (EN 60044-1 /A2) As soon as the Measurement Device, the Energy Counter or the Net Analyzer is disconnected, the secondary Side has to be shortcuted! |
| Intended use                       | for copper bars up to 80 x 30mm                                                                                                                                                                                                                                                    |
| Стандарт на продукта               | EN 61869-2                                                                                                                                                                                                                                                                         |
| Размер на отвора (mm)              | 80x30                                                                                                                                                                                                                                                                              |
| <b>Insulation requirements</b>     |                                                                                                                                                                                                                                                                                    |
| Max. Operating voltage Um          | 0.72kV r.m.s.                                                                                                                                                                                                                                                                      |
| Isolation test voltage             | 3 kV R.M.S. 50 Hz/ 1 min                                                                                                                                                                                                                                                           |
| Isolation                          | Class B (EN/IEC 61869-1, 61869-2)                                                                                                                                                                                                                                                  |
| <b>Specifications</b>              |                                                                                                                                                                                                                                                                                    |
| Rated current primary side Ipr (A) | 1000                                                                                                                                                                                                                                                                               |
| Rated frequency (Hz)               | 50-60Hz                                                                                                                                                                                                                                                                            |

## Технически данни - продължение

|                                                                |                                      |
|----------------------------------------------------------------|--------------------------------------|
| Short-time current $I_{th}$                                    | < 60 $I_{pr}$                        |
| <b>Thermal rated continuous current according to EN60044-1</b> |                                      |
| Rated dynamic current $I_{dyn}$                                | 2.5 $I_{th}$                         |
| Rated current secondary side $I_{sr}$                          | 5A                                   |
| Tightening torque (Nm)                                         | 2                                    |
| Housing material                                               | Polycarbonate, self-extinguishing    |
| <b>Accuracy classes</b>                                        |                                      |
| Reference temperature (°C)                                     | 23°C ±1°C                            |
| Load current error                                             | For class 0.5 and 5% $I_n$ : ±1.5%   |
|                                                                | For class 0.5 and 120% $I_n$ : ±0.5% |
|                                                                | For class 0.5 and 100% $I_n$ : ±0.5% |
|                                                                | For class 0.5 and 20% $I_n$ : ±0.75% |
| <b>Working conditions</b>                                      |                                      |
| Температурен обхват - Транспортиране / Съхранение (°C)         | -25 to +60                           |
| Температурен обхват - работен (°C)                             | -5 to +40                            |

# Maßbild MGC58100--



| Описание                                                                                  | Артикулен No. |
|-------------------------------------------------------------------------------------------|---------------|
| Токов трансформатор 1000/5A 80x30, class 0.5<br>Входящ ток 1000A, Burden Class 0.5 (10VA) | MGC58100      |