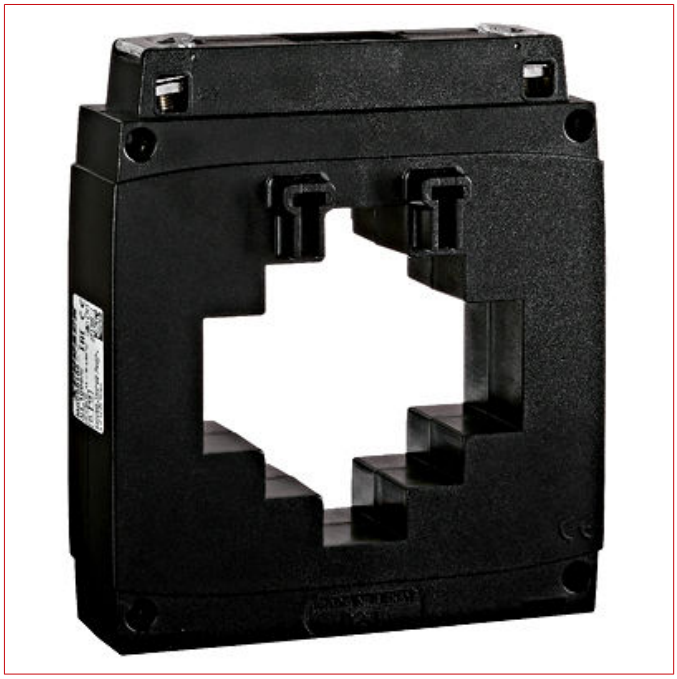
Current transformer 1000/5A 80x30, class 0.5

Input current 1000A, Burden Class 0.5 (10VA)



Technical Data

IP Rating	IP20
Burden	Class 0.5 (10VA)
Note	Due to dangerous overvoltage and overheating, the Current Transformator 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 shortcutted!
Intended use	for copper bars up to 80 x 30mm
Product standard	EN 61869-2
Cut-out size (mm)	80x30
Insulation requirements	
Max. Operating voltage Um	0.72kV r.m.s.
Isolation test voltage	3 kV R.M.S. 50 Hz/1min
Isolation	Class B (EN/IEC 61869-1, 61869-2)
Specifications	
Rated current primary side Ipr (A)	1000
Rated frequency (Hz)	50-60Hz

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Technical Data - continued

Short-time current Ith	< 60Ipr
Thermal rated continuous current according to EN60044-1	
Rated dynamic current Idyn	2.5Ith
Rated current secondary side Isr	5A
Tightening torque (Nm)	2
Housing material	Polycarbonate, self-extinguishing
Accuracy classes	
Reference temperature (°C)	23°C ±1°C
Load current error	For class 0.5 and 5% In: ±1.5% For class 0.5 and 120% In: ±0.5% For class 0.5 and 100% In: ±0.5% For class 0.5 and 20% In: ±0.75%
Working conditions	
Temperature range - Transport/storage (°C)	-25 to +60
Temperature range - Operation (°C)	-5 to +40

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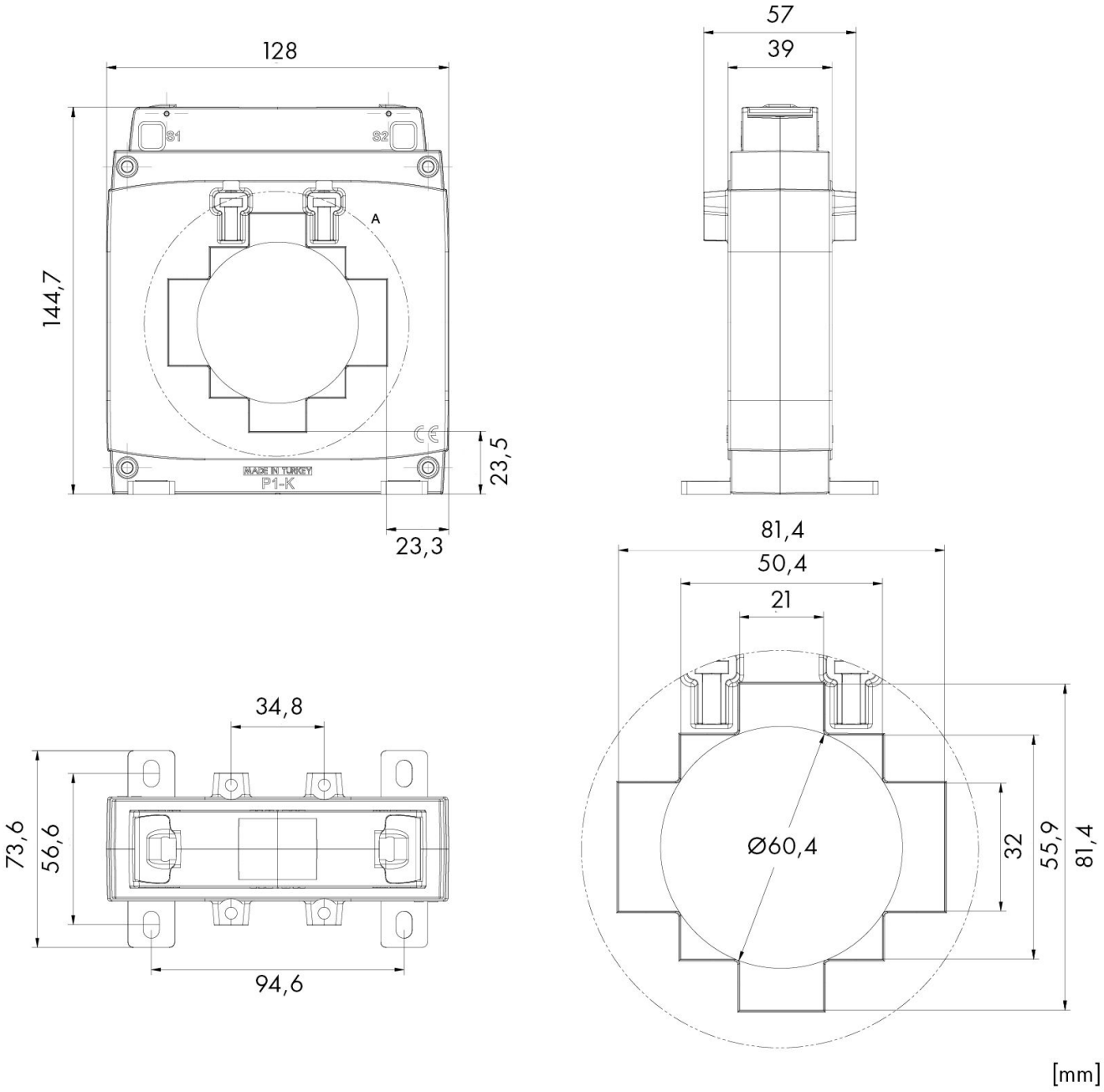
Maßbild MGC58100--



DESCRIPTION	Order No.
Current transformer 1000/5A 80x30, class 0.5 Input current 1000A, Burden Class 0.5 (10VA)	MGC58100

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