



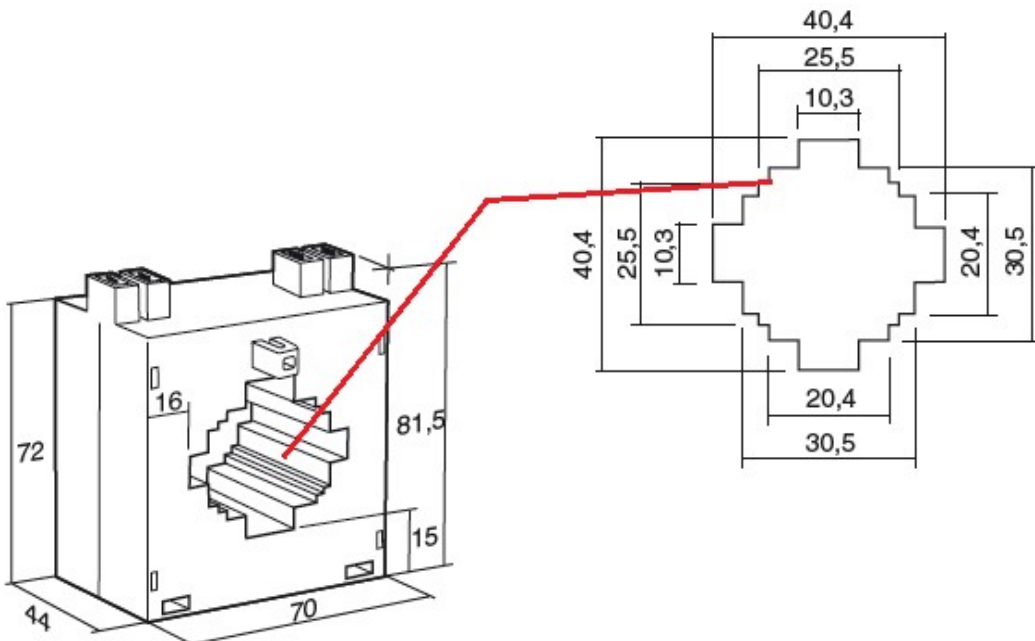
current transformer
TM4

rail: 40x10mm
30x20mm
cable: Ø30mm

standards	IEC185, according to the new IEC61869-1 und IEC 61869-2	
housing	book-proof plastic case (ABS-V0) , flame retardant according to UL 94	
terminals	secondary terminals for flat-pin 6,3mm	
frequency	50.....60Hz	
insulation class	E (IEC185)	
thermic short circuit current	$I_{th} = 40 \times I_n$ für 1sec.	
dynamic short circuit current	$I_{dyn} = 2,5 \times I_{th}$ für 1 sec.	
max.service voltage	for insulation $U_m = 0,72kV$	
testing voltage	3kV / minute	
instrument security factor	FS5 to FS10	
operating conditions	room temperature: -20°C to +40°C temperature on the bars: max. +70°C	
secondary current	5A or 1A	

TM4			
primary current	secondary current	class	power
100A – 800A	5A or 1A	1,0 / 0,5	3VA to10VA

dimensions



current transformer for measurements

Primary current	Class	Power	Secondary current	Secondary current	Weight
A		VA	5A	1A	Kg
100	1	3	TM4-100A5-1-3VA	TM4-100A1-1-3VA	0,40
120	1	3	TM4-120A5-1-3VA	TM4-120A1-1-3VA	0,40
125	1	3	TM4-125A5-1-3VA	TM4-125A1-1-3VA	0,40
150	1	3	TM4-150A5-1-3VA	TM4-150A1-1-3VA	0,40
200	1	4	TM4-200A5-1-4VA	TM4-200A1-1-4VA	0,40
250	1	6	TM4-250A5-1-6VA	TM4-250A1-1-6VA	0,40
300	0.5	6	TM4-300A5-0.5-6VA	TM4-300A1-0.5-6VA	0,40
400	0.5	10	TM4-400A5-0.5-10VA	TM4-400A1-0.5-10VA	0,40
500	0.5	10	TM4-500A5-0.5-10VA	TM4-500A1-0.5-10VA	0,30
600	0.5	10	TM4-600A5-0.5-10VA	TM4-600A1-0.5-10VA	0,30
750	0.5	10	TM4-750A5-0.5-10VA	TM4-750A1-0.5-10VA	0,30
800	0.5	10	TM4-800A5-0.5-10VA	TM4-800A1-0.5-10VA	0,30

current transformers electronic use

Primary current	Class	Code	Secondary current	Power	Turns number	Resistance (Ohms)	Secondary voltage (VAC)	Weight
A			A	VA	S1-S2	Ru	Vu	Kg
100	3	TM4EL-100A0.05-3-1VA	0,05	1	2000			0,40
150	2	TM4EL-150A0.05-2-1VA	0,05	1	3000			0,40
200	2	TM4EL-200A0.05-2-1VA	0,05	1	4000			0,40
400	2	TM4EL-300A0.20-2-4VA	0,20	4	2000			0,40
600	0.5	TM4EL-600A0.20-0.5-4VA	0,20	4	3000			0,40
600	0.5	TM4EL-600A0.20-0.5-4VA-T	0,20	4	3000			0,40

-T = Housing resistant to high temperatures