



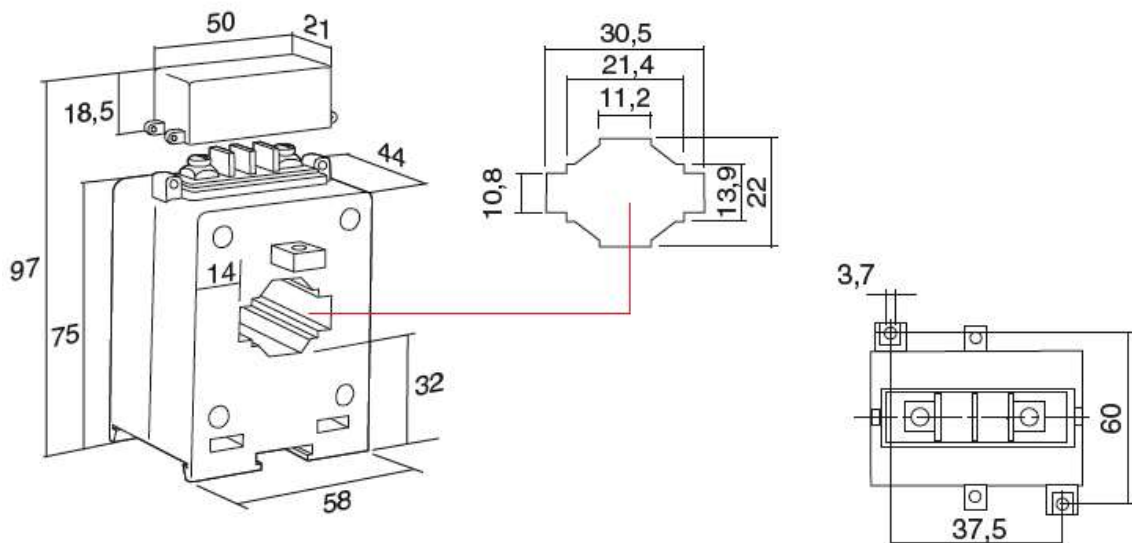
current transformer
TR3

rail: 30x10mm
20x10mm
cable: Ø21mm

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 with screws M4x6
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 $U_m = 0,72kV$ (on request 1,2kV)
testing voltage	3kV for 1 minute (on request 6kV)
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

TR3			
primary current	secondary current	class	power
40 – 600A	5A or 1A	3,0 to 0,5	1VA to 6VA

dimensions



current transformer for measurements

Primary current	Class	Power	Secondary current	Secondary current	Weight
A		VA	5A	1A	Kg
40	3	1	TR3-040A5-3-1VA	TR3-040A1-3-1VA	0,30
50	3	1,5	TR3-050A5-3-1.5VA	TR3-050A1-3-1.5VA	0,30
60	3	2	TR3-060A5-3-2VA	TR3-060A1-3-2VA	0,30
75	3	2	TR3-075A5-3-2VA	TR3-075A1-3-2VA	0,30
80	3	2	TR3-080A5-3-2VA	TR3-080A1-3-2VA	0,30
100	1	2,5	TR3-100A5-1-2.5VA	TR3-100A1-1-2.5VA	0,30
120	1	2,5	TR3-120A5-1-2.5VA	TR3-120A1-1-2.5VA	0,30
125	1	3	TR3-125A5-1-3VA	TR3-125A1-1-3VA	0,30
150	0.5	2	TR3-150A5-0.5-2VA	TR3-150A1-0.5-2VA	0,30
200	0.5	3	TR3-200A5-0.5-3VA	TR3-200A1-0.5-3VA	0,30
250	0.5	4	TR3-250A5-0.5-4VA	TR3-250A1-0.5-4VA	0,30
300	0.5	5	TR3-300A5-0.5-5VA	TR3-300A1-0.5-5VA	0,30
400	0.5	6	TR3-400A5-0.5-6VA	TR3-400A1-0.5-6VA	0,30
500	0.5	6	TR3-500A5-0.5-6VA	TR3-500A1-0.5-6VA	0,30
600	0.5	6	TR3-600A5-0.5-6VA	TR3-600A1-0.5-6VA	0,30

current transformers double ratio

Primary current	Class	Power	Secondary current	Secondary current	Weight
A		VA	5A	1A	Kg
100-200	1-0.5	2.5-3	TR3D-200A5-105-2.5VA3	TR3D-200A1-105-2.5VA3	0,60
120-240	1-0.5	2.5-4	TR3D-240A5-105-2.5VA4	TR3D-240A1-105-2.5VA4	0,60
125-250	1-0.5	3-4	TR3D-250A5-105-3VA4	TR3D-250A1-105-3VA4	0,60
150-300	0.5	2-5	TR3D-300A5-0.5-2VA5	TR3D-300A1-0.5-2VA5	0,60
200-400	0.5	3-6	TR3D-400A5-0.5-3VA6	TR3D-400A1-0.5-3VA6	0,60
250-500	0.5	4-6	TR3D-500A5-0.5-4VA6	TR3D-500A1-0.5-4VA6	0,60
300-600	0.5	5-6	TR3D-600A5-0.5-5VA6	TR3D-600A1-0.5-5VA6	0,60

included:

- 2 screws for mounting on rail/cable
- 2x screws for secondary terminals M4x6
- 1x terminal cover for secondary terminals
- 1x mounting with feet's (2 pieces)
- 1x mounting system for DIN rail EN50022-35

