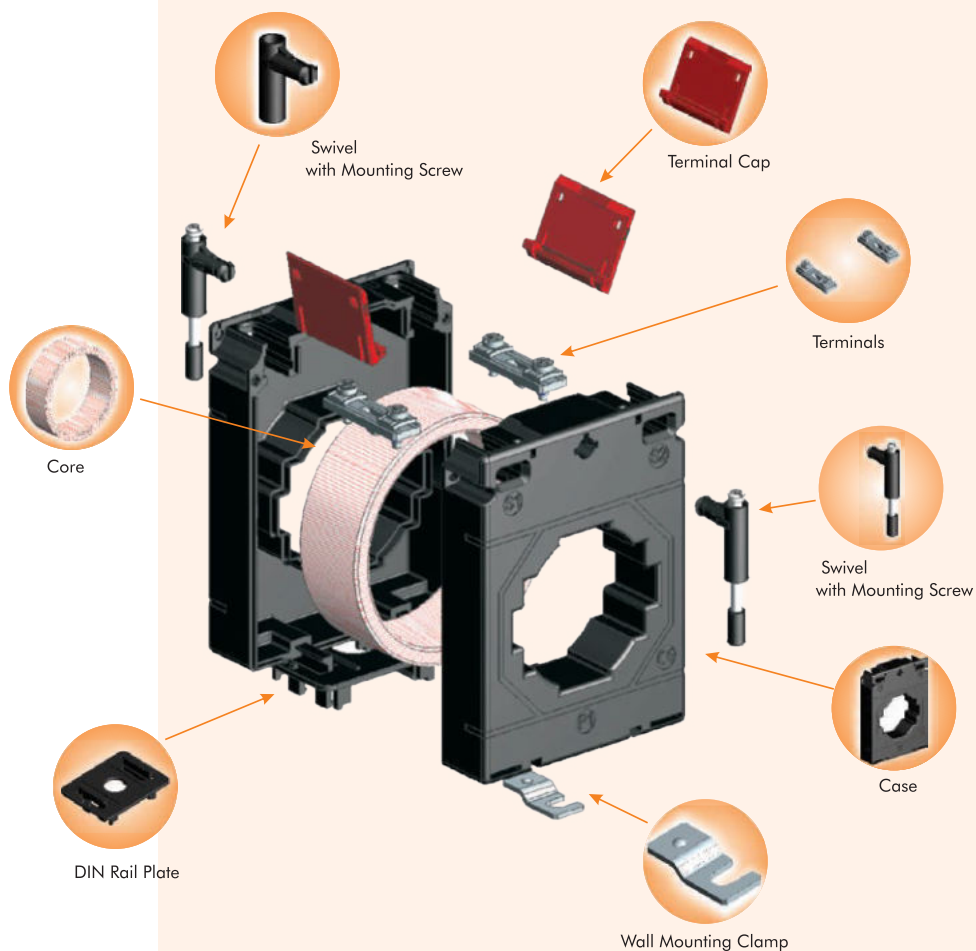


Metering Current transformers

Advantages of Metering Current transformers

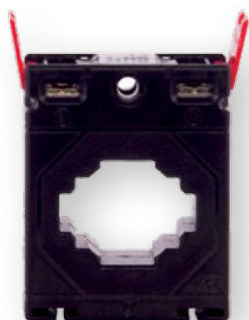


Applications

- Balanced systems: network analyzers, automatic power factor correction systems (PFCs)

Features

- Connection terminal with cover (IP20) for universal connection, no fork needed
- Bus bar or din rail mounting, included complete mounting set
- Standards: 61869-2



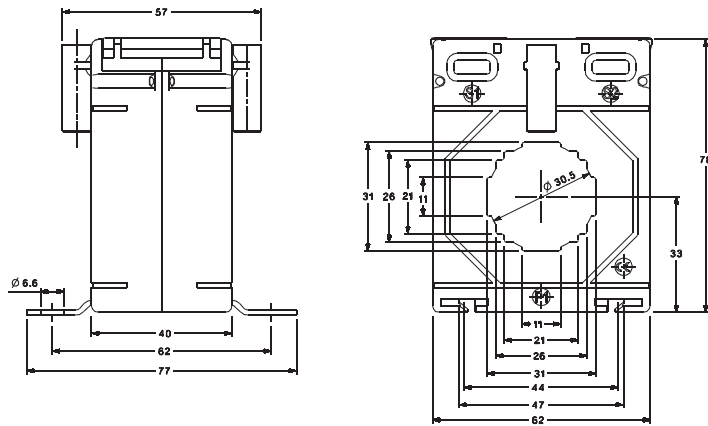
Metering Current transformers - Single Phase

Type	Code No.	Primary/ secondary	Power [VA]	Accuracy class	Weight [g]	Packaging [pcs]
CTR-30 50/5 1,25VA CL.1	004805500	50/5	1,25	1	365	1/63
CTR-30 100/5 1,5VA CL.0,5	004805504	100/5	1,5	0,5	365	1/63
CTR-30 150/5 3,75VA CL.0,5	004805507	150/5	3,75	0,5	365	1/63
CTR-30 200/5 5VA CL.0,5	004805508	200/5	5	0,5	365	1/63
CTR-30 250/5 5VA CL.0,5	004805509	250/5	5	0,5	365	1/63
CTR-30 300/5 5VA CL.0,5	004805510	300/5	5	0,5	365	1/63
CTR-30 400/5 7,5VA CL.0,5	004805511	400/5	7,5	0,5	365	1/63
CTR-30 500/5 10VA CL.0,5	004805512	500/5	10	0,5	365	1/63

Metering Current transformers

Technical data	
Applicable Standard	IEC 61869, IEC/EN 60044-1, BS 3938
Case	10% glass filled polycarbonate, flame retardant grades classified UL 94V-0
Insulation Class	E (120°C max)
System voltage	720V max
Test Voltage	
For Ring (Window) type CT	4kV 50 Hz / 1 min
For Wound type er	3KV 50Hz / 1 min.
Operating frequency	50Hz or 60Hz Rated Primary rating:- 1A to 7500A
Rated secondary output	5A standard (1A on request)
Ambient temperature	-20°C ... +45°C
Storage temperature	-50°C ... +80°C
Thermal short circuit current (I _{th})	60 x I _n for Busbar type
Dynamic short circuit current (I _{dyn})	2.5 x I _{th}

Dimensions



Busbar mounting



Wall mounting

Current Transformers (LV Indoor Application)

Accuracy Class	+ / - percentage current (ration) error at percentage of rated current shown below				+ / - phase displacements at percentage of rated current shown below							
					Minutes				Centiradians			
					5	20	100	120	5	20	100	120
0.10	0.40	0.20	0.10	0.10	15	8	5	5	0.45	0.24	0.15	0.15
0.20	0.75	0.35	0.20	0.20	30	30	10	10	0.90	0.45	0.30	0.30
0.50	1.50	0.75	0.50	0.50	90	90	30	30	2.70	1.35	0.90	0.90
1	3	1.5	1	1	180	180	60	60	5.40	2.70	1.80	1.80

Limits of Current error and phase displacements for measuring current transformers (for special application)

Accuracy Class	+ / - percentage current (ration) error at percentage of rated current shown below					+ / - phase displacements at percentage of rated current shown below									
						Minutes					Centiradians				
	1	5	20	100	120	1	5	20	100	120	1	5	20	100	120
0.2S	0.75	0.35	0.20	0.20	0.20	30	15	10	10	10	0.90	0.45	0.30	0.30	0.30
0.5S	1.50	0.75	0.50	0.50	0.50	90	45	30	30	30	2.70	1.35	0.90	0.90	0.90

Limits of Current error and phase displacements for measuring current transformers (Class 3 and 5)

Accuracy Class	+ / - percentage current (ration) error at percentage of rated current shown below													
3	3							3						
5	5							5						

Limits of phase displacement are not specified for class 3 and 5.

Limits of current error and phase displacements for Protection Class CT (5P and 10P)