

# Current transformers

## TL2 - TL3 - TL4

### DIMENSIONS (mm)

### CONNECTION DIAGRAM

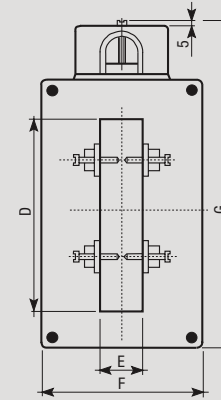
CT series for instruments in alternating current x/5 A.

#### BYPASS BAR

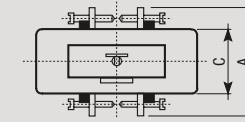
- Bar/cable passage: see dimensions mm
- No fastening on DIN rails
- Bypass bar amperometric transformer
- Double terminal for secondary
- Opening (hole) for cable or bar (primary) passage



#### Front view

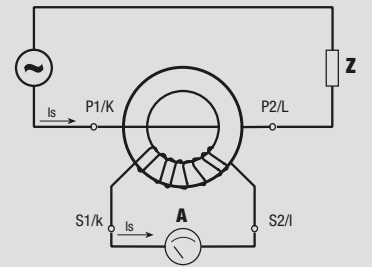


#### Side view



	A	C	D	E	F	G
<b>TL2</b>	38	66	102	20	94	178
<b>TL3</b>	45	71	103	32	114	210
<b>TL4</b>	50	78	104	62	156	224

#### Diagram



When connecting all amperometric transformers it is important to respect the directions of the current.  
Primary: from P1/K to P2/L  
Secondary: from S1/k to S2/l

Notes: the capacity of the amperometric transformer must correspond to the full scale of the instrument.

## MEASUREMENT AND CONTROL

### TECHNICAL INFORMATION

#### GENERAL CHARACTERISTICS

Test voltage (1 min)	kV	3
Frequency	Hz	50 / 60
Safety factor	FS	<5
Case		insulated
Max rated voltage	V	720
Max continuous overload	A	1.2 In
Operating temperature	°C	-10 ÷ +50

#### TL2

Class	0.5	1	3	
Nominal power VA	1000/5 A	20	30	45
	1500/5 A	30	45	60

#### TL3

Class	0.5	1	3	
Nominal power VA	2500/5 A	25	30	45

#### TL4

Class	0.5	1	3	
Nominal power VA	3000/5 A	20	30	45

Code	Model	Description	Capacity
VJ35754005	TL2	Bypass bar current transformer	1000/5 A
VJ35834205	TL2	Bypass bar current transformer	1500/5 A
VJ36174405	TL3	Bypass bar current transformer	2500/5 A
VJ36414505	TL4	Bypass bar current transformer	3000/5 A

#### REFERENCE STANDARDS

Compliance with Community Directives: 2006/95/EC (Low Voltage) and 2004/108/EC (E.M.C.)

is declared with reference to the following standards: • Safety: EN 61010-1 / EN 38-1 • E.M. Compatibility: EN 61000-6-2 / EN 61000-6-4