

# Current transformers

CT series for instruments in alternating current x/5 A and x/1 A.



## TU 40

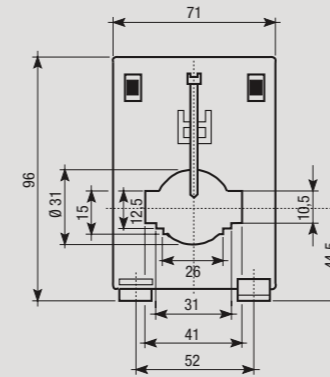
### DIMENSIONS (mm)

### CONNECTION DIAGRAM

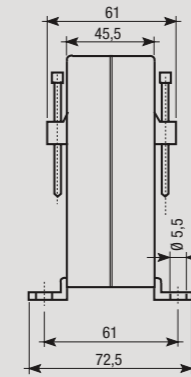
#### BYPASS BAR

- Bar passage: 25-30-40 mm
- Cable passage: Ø30 mm
- Bypass bar amperometric transformer
- Double terminal for secondary
- Panel or DIN rail fastening (through the supports provided)
- Opening (hole) for cable or bar (primary) passage

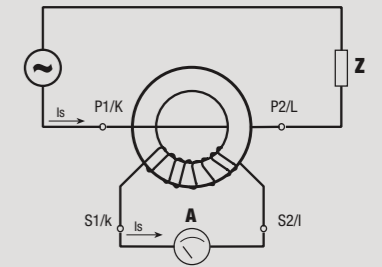
#### Front view



#### Side view



#### 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 I <sub>n</sub>
Operating temperature	°C	-10 ÷ +50

Class	0.5	1	3
Nominal power VA			
50/5 A	-	0.75	1.5
60/5 A	-	1.25	2
75/5 A	-	2	3.75
100/5 A	1	3	5
125/5 A	2.5	3.75	5
150/5 A	3.75	5	7.5
200/5 A	3.75	5	7.5
250/5 A	5	7.5	10
300/5 A	7.5	10	15
400/5 A	10	15	20
500/5 A	10	15	20
600/5 A	10	15	20
800/5 A	15	20	30
1000/5 A	15	20	30
150/1 A	3.75	5	7.5
250/1 A	5	7.5	10

Code	Model	Description	Capacity
VM712700	TU 40	Bypass bar current transformer	50/5 A
VM713500	TU 40	Bypass bar current transformer	60/5 A
VM714300	TU 40	Bypass bar current transformer	75/5 A
VM715000	TU 40	Bypass bar current transformer	100/5 A
VM716800	TU 40	Bypass bar current transformer	125/5 A
VM717600	TU 40	Bypass bar current transformer	150/5 A
VM718400	TU 40	Bypass bar current transformer	200/5 A
VM719200	TU 40	Bypass bar current transformer	250/5 A
VM720000	TU 40	Bypass bar current transformer	300/5 A
VM721800	TU 40	Bypass bar current transformer	400/5 A
VM722600	TU 40	Bypass bar current transformer	500/5 A
VM723400	TU 40	Bypass bar current transformer	600/5 A
VM724200	TU 40	Bypass bar current transformer	800/5 A
VM725900	TU 40	Bypass bar current transformer	1000/5 A
VM717621	TU 40	Bypass bar current transformer	150/1 A
VM719221	TU 40	Bypass bar current transformer	250/1 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