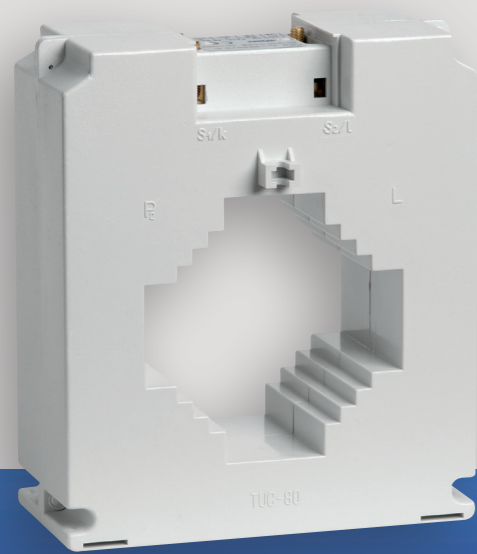


# Current transformers

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



## TUC 80

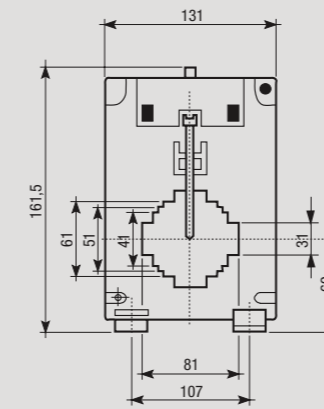
### DIMENSIONS (mm)

### CONNECTION DIAGRAM

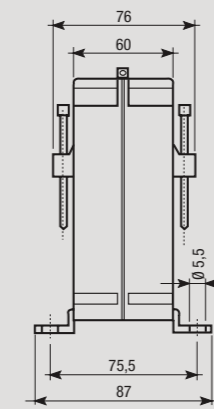
#### BYPASS BAR

- Bar passage: 80-10 mm
- Cable passage: Ø65 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

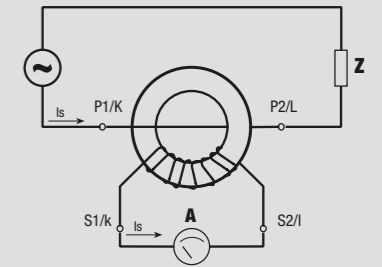
#### Front view



#### 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	400/5 A	15	20	30
	500/5 A	15	20	30
	600/5 A	15	20	30
	750/5 A	15	20	30
	800/5 A	15	20	30
	1000/5 A	15	20	30
	1200/5 A	15	20	30
	1500/5 A	15	20	30
2000/5 A	15	20	30	
2500/5 A	15	20	30	

Code	Model	Description	Capacity
VM740800	TUC 80	Bypass bar current transformer	400/5 A
VM741600	TUC 80	Bypass bar current transformer	500/5 A
VM742400	TUC 80	Bypass bar current transformer	600/5 A
VM743200	TUC 80	Bypass bar current transformer	750/5 A
VM744000	TUC 80	Bypass bar current transformer	800/5 A
VM745700	TUC 80	Bypass bar current transformer	1000/5 A
VM746500	TUC 80	Bypass bar current transformer	1200/5 A
VM747300	TUC 80	Bypass bar current transformer	1500/5 A
VM748100	TUC 80	Bypass bar current transformer	2000/5 A
VM749900	TUC 80	Bypass bar current transformer	2500/5 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