DIMENSIONS (mm) **Current transformers TUC 80 CONNECTION DIAGRAM** 

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

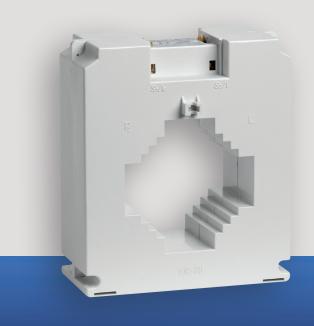
Code

VM740800

VM741600

VM748100

VM749900



Model

TUC 80

TUC 80

TUC 80

TUC 80

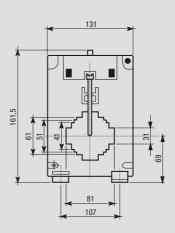
### **BYPASS BAR**

- Bar passage: 80-10 mm
- Cable passage: Ø65 mm
- Bypass bar amperometric transformer
- Double terminal for secondary
- Panel or DIN rail fastening
- Opening (hole) for cable or bar (primary) passage

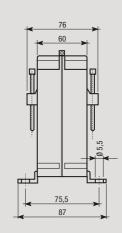




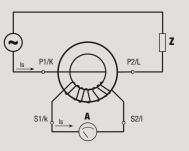
### Front view



### Side view



### Diagram



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

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



Capacity

400/5 A

500/5 A

2000/5 A

2500/5 A

# **TECHNICAL INFORMATION**

## **MEASUREMENT AND CONTROL**

## **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	А	1.2 ln
Operating temperature	$^{\circ}$	-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

### TUC 80 600/5 A VM742400 Bypass bar current transformer VM743200 TUC 80 Bypass bar current transformer 750/5 A TUC 80 800/5 A VM744000 Bypass bar current transformer VM745700 TUC 80 Bypass bar current transformer 1000/5 A Bypass bar current transformer TUC 80 1200/5 A VM746500 1500/5 A VM747300 TUC 80 Bypass bar current transformer

Description

### **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



