Current transformers

TU 30

Series of bypass bar amperometric transformers for instruments in alternating current with transformation ratio x/5A and DIN rail or panel mounting (through the supplied supports).

- Bar passage: 20-25-30 mm
- Cable passage: Ø22 mm
- Double terminal for secondary circuit
- Opening (hole) for cable or bar (primary) passage

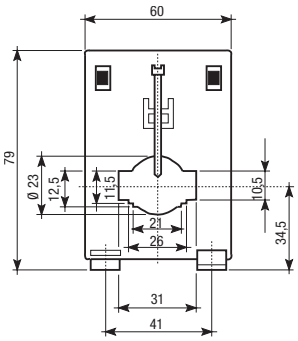
BYPASS BAR

GENERAL CHARACTERISTICS

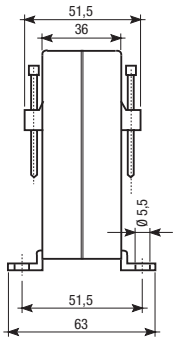
Test voltage (1 min)			kV	3
Frequency			Hz	50 / 60
Safety factor			FS	<5
Case				insulated
Max rated voltage			V	720
Short-time thermal current			A	1.2 In
Operating temperature			°C	-10 ÷ +50
Class		**0.5**	**1**	**3**
Nominal power VA	150/5 A	1.5	2.5	3.75
	200/5 A	2.5	3.75	5
	250/5 A	3.75	5	7.5
	300/5 A	3.75	5	7.5
	400/5 A	3.75	5	7.5
	500/5 A	5	7.5	10
	600/5 A	5	7.5	10

DIMENSIONS (mm)

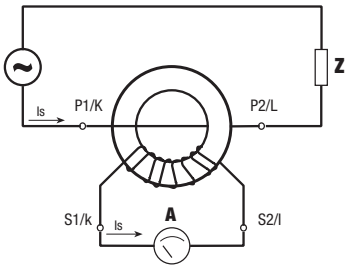
Front view



Side view



CONNECTION DIAGRAM



When connecting the 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.

Code	Model	Description	Capacity
VM705100	TU 30	Bypass bar current transformer	150/5 A
VM706900	TU 30	Bypass bar current transformer	200/5 A
VM707700	TU 30	Bypass bar current transformer	250/5 A
VM708500	TU 30	Bypass bar current transformer	300/5 A
VM709300	TU 30	Bypass bar current transformer	400/5 A
VM710100	TU 30	Bypass bar current transformer	500/5 A
VM711900	TU 30	Bypass bar current transformer	600/5 A