Current transformers

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

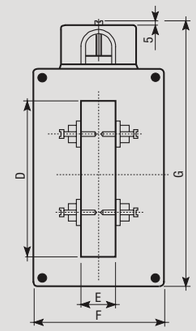
TL2 - TL3 - TL4

BYPASS BAR

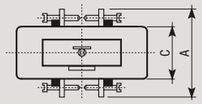
- Bar/cable passage: see dimensions mm
- No fastening on DIN rails
- Bypass bar amperometric transformer
- Double terminal for secondary
- Opening (hole) for cable or bar (primary) passage

DIMENSIONS (mm)

Front view



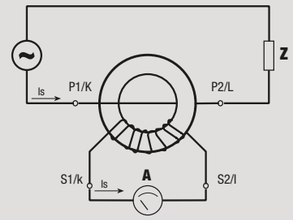
Side view



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

CONNECTION DIAGRAM

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.

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

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

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