

GENERAL

Measuring and protection transformers. Wound primary, bus-bar, split core and narrow profile transformers
For cable or bus-bar.
Plastic or resin encapsulated casing (depending on type).
With fixing support and/or bar enclosing screws depending on type.
Fixing to DIN rail (on request)

STANDARDS

IEC 185
UNE EN 61869 (IEC 61869)
VDE 0414
IEC 801/1-3.4
DIN 57414
BS 3938
EN 50081
EN 50082
IEC 1010

GENERAL TECHNICAL SPECIFICATIONS

Security factor	$F_s < 5$
Rated voltage (maximum)	720 V
Test voltage	3 kV A.C. (1 min)
Frequency	50-60 Hz
Rated short-time thermal current	$I_{th} = 60 I_n$ for wound primary transformers. I_{th} limited by cable sizes or primary bus-bar for other cases.
Rated dynamic current	$I_{Dyn} = 2,5 \times I_{th}$
Continuous overload	$I_D = 1,2 \times I_N$
Operating temperature	-10...50 °C.
Accuracy	0,5 ; 1 and 3 (0,2S, 0,5S on request)
Rated secondary current	/5 or /1 A
Insulation class	Class E Class B (130 °C) Available

SUMMATION CURRENT TRANSFORMERS (ENCAPSULATED IN RESIN)

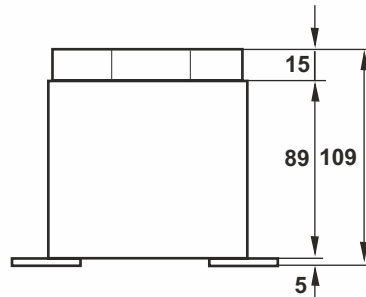
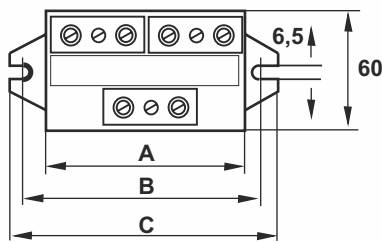
TRS-



SUMMATION CURRENT TRANSFORMERS				
MODEL	TRS2	TRS3	TRS4	TRS5
Accuracy	0,5	0,5	0,5	0,5
VA	10	10	10	10
I _{pn}	5+5 / 5	5+5+5 / 5	5+5+5+5 / 5	5+5+5+5+5 / 5

In this transformers, the secondary current is the vectorial addition of primary currents.

DIMENSIONS



MODELS	A	B	C
TRS2	100	119	135
TRS3	100	119	135
TRS4	150	169	185
TRS5	150	169	185

Dimensions in mm.

VOLTAGE TRANSFORMERS (ENCAPSULATED IN RESIN)

TE15R



MODEL		TE15R
Accuracy Class		1
Primary voltage	Secondary voltage	VA
440	230	25
440	110	25
440	100	25
400	230	25
400	110	25
400	100	25
230	110	25

Operating range:

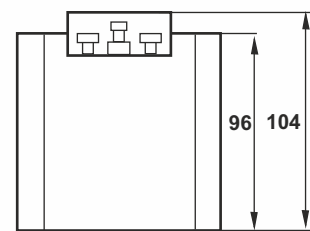
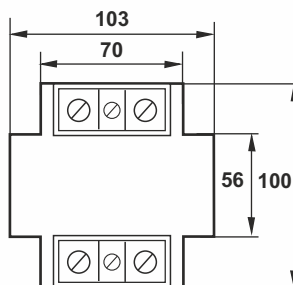
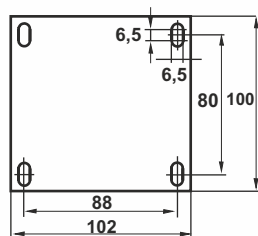
80 – 120 % V_{pn}

Load:

25 - 100 % (cos φ = 0,8)

DIMENSIONS

Fixing support



Dimensions in mm.