

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

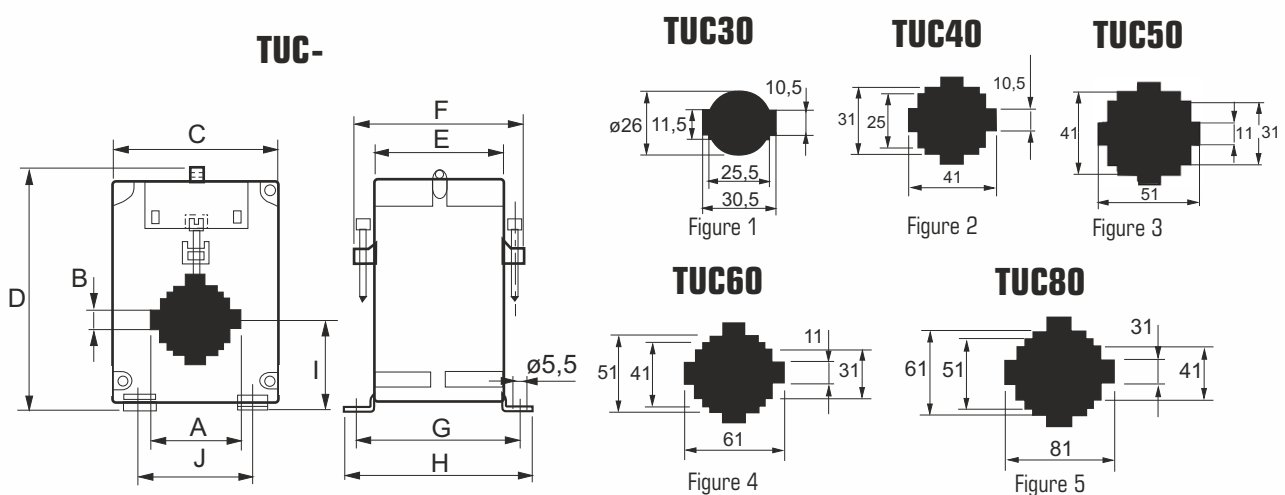
Security factor	$F_s < 5$
Rated voltage (maximum)	720 V
Test voltage	3 kV A.C. (1 min)
Frequency	50-60 Hz
Rated short-time thermal current	$I_{th} = 60 I_n$ for wound primary transformers. I_{th} limited by cable sizes or primary bus-bar for other cases.
Rated dynamic current	$I_{Dyn} = 2,5 \times I_{th}$
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

MEASURING TRANSFORMERS (PLASTIC CASING)



BUS-BAR TRANSFORMERS													
MODEL	TUC30			TUC40			TUC50	TU C60			TUC80		
Bus-Bar	30x10			40x10			50x10	60x10			80x30		
Cable	Ø25			Ø32			Ø40	Ø51			Ø65		
Accuracy Class	0,5	1	3	0,5	1	3	0,5	0,5	1	3	0,5	1	3
I _{pn} (A)	VA			VA			VA	VA			VA		
50					0,75	1,5							
60					1,25	2							
75					2	3,75							
100					1	3	5						
125					2,5	3,75	5						
150					3,75	5	7,5						
200	15	20	30	3,75	5	7,5							
250	15	20	30	5	7,5	10							
300	15	20	30	7,5	10	15							
400	15	20	30	10	15	20	10	15	20	30	15	20	30
500	15	20	30	10	15	20	10	15	20	30	15	20	30
600	15	20	30	10	15	20	10	15	20	30	15	20	30
750				10	15	20	10	15	20	30	15	20	30
800				15	20	30	10	15	20	30	15	20	30
1000				15	20	30	10	15	20	30	15	20	30
1200							10	15	20	30	15	20	30
1500							10	15	20	30	15	20	30
2000							10	15	20	30	15	20	30
2500											15	20	30

DIMENSIONS



MODELS	A	B	C	D	E	F	G	H	I	J
TUC30	Figure 1	77	112	60,5	76	76	87,5	44,5	41	
TUC40	Figure 2	71	106,5	45	61	60,5	72	40	47	
TUC50	Figure 3	84	117	45	61	60,5	72	44,5	61	
TUC60	Figure 4	105	136,5	60	76	75,5	87	54	81	
TUC80	Figure 5	131	161,5	60	76	75,5	87	69	107	

Dimensions in mm.