

## 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

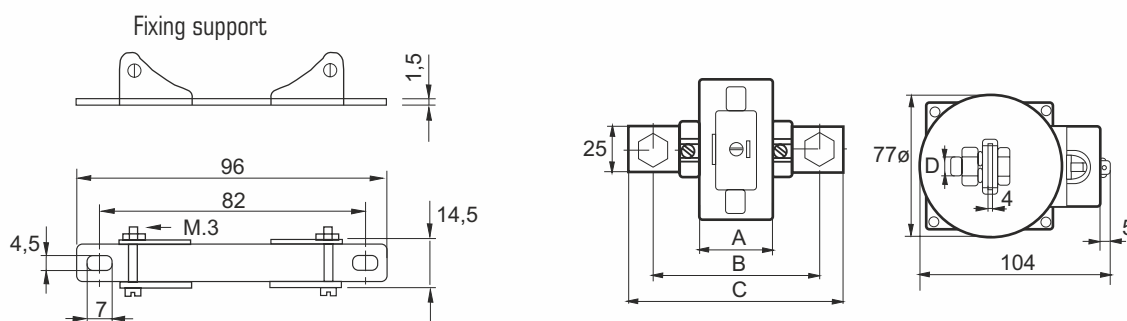
Security factor	$F_s < 5$
Rated voltage (maximum)	720 V
Test voltage	3 kV A.C. (1 min)
Frequency	50-60 Hz
Rated short-time thermal current	$I_{th} = 60 I_n$ for wound primary transformers. $I_{th}$ limited by cable sizes or primary bus-bar for other cases.
Rated dynamic current	$I_{Dyn} = 2,5 \times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



MODEL	WOUND PRIMARY								
	TU3ba		TU3B			TU3bc			
Accuracy Class	1	3	0,5	1	3	0,5	1	3	
I <sub>pn</sub> (A)	VA		VA			VA			
5	5	7,5	10	20	30	15	25	40	
10	5	7,5	10	20	30	15	25	40	
15	5	7,5	10	20	30	15	25	40	
20	5	7,5	10	20	30	15	25	40	
25	5	7,5	10	20	30	15	25	40	
30	5	7,5	10	20	30	15	25	40	
40	5	7,5	10	20	30	15	25	40	
50	5	7,5	10	20	30	15	25	40	
60	5	7,5	10	20	30	15	25	40	
75	5	7,5	10	20	30	15	25	40	
100			10	20	30	15	25	40	
125			10	20	30	15	25	40	
150			10	20	30	15	25	40	

## DIMENSIONS



MODEL	TU3ba		TU3B		TU3bc	
Sizes in mm.	5/5 a	30/5 a	5/5 a	30/5 a	5/5 a	30/5 a
	25/5	75/5	25/5	150/5	25/5	150/5
A	41		52		63	
B	81	90	92	101	103	112
C	101	115	112	126	123	137
D	M.6	M.10	M.6	M.10	M.6	M.10

Dimensions in mm.