

## 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

## SPLIT-CORE TRANSFORMERS (ENCAPSULATED IN RESIN)



SPLIT-CORE TRANSFORMERS																					
MODEL	TA30R			TA60R			TA80R			TA100R			TA125R			TA160R					
Bus-Bar	30x20			60x30			80x50			100x80			125x80			160x80					
Cable	Ø20			Ø30			Ø50			Ø80			Ø80			Ø80					
Accuracy	0,5	1	3	0,5	1	3	0,5	1	3	0,5	1	3	0,5	1	3	0,5	1	3			
I <sub>pn</sub> (A)	VA			VA			VA			VA			VA			VA					
100			3																		
150			3,75																		
200		2,5	4																		
250		3,75	5		2,5	3,75		2,5	3,75		2,5	3,75									
300	2,5	4	6		3,75	5		3,75	5		3,75	5									
400	3,75	5	10	2,5	3,75	7,5	2,5	3,75	7,5	2,5	3,75	7,5									
500				3,75	5	15	3,75	5	15	3,75	5	15		5	7,5	2,5	3,75	7,5			
600				5	7,5	20	5	7,5	20	5	7,5	20		5	15	3,75	5	10			
750				7,5	10	20	7,5	10	20	7,5	10	20	5	10	20	5	10	20			
800				7,5	10	20	7,5	10	20	7,5	10	20	7,5	10	20	7,5	10	20			
1000				10	15	20	10	15	20	10	15	20	10	20	30	10	20	30			
1200										15	20	30	15	20	30	15	20	30			
1500										15	20	30	20	30	45	20	30	45			
2000										20	30	45	25	30	45	25	30	45			
2500													25	30	45	25	30	45			
3000													30	45	60	30	45	60			
4000																30	45	60			
5000																30	45	60			

## DIMENSIONS

**TA-R**

MODELS	A	B	C	D	E	F
TA30R	32	21	105	90	99	114
TA60R	62	32	130	100	109	139
TA80R	82	52	150	120	129	159
TA100R	104	82	172	150	159	181
TA125R	127	82	195	150	159	204
TA160R	162	82	230	150	159	239

Dimensions in mm.