

TOROIDAL CURRENT TRANSFORMERS

TART

- These transformers are used when it is necessary to survey the homopolar currents (imbalance of current existing on a three phase cable) or in those cases where substantial performance is necessary)
- The dimensions are not pre-determined but calculated each time on the basis of the technical characteristics required

- With passing primary cable
- Running temperature: $-25^{\circ}\text{C} \div +40^{\circ}\text{C}$.
If immersed in oil, the maximum running temperature rises to 60°C
- Finished with cotton taping protected with insulating epoxy varnish



- When ordering, indicate:
 - primary current value (min. 50A)
 - secondary current value (min. 1A)
 - precision class
 - burden (VA)
 - internal diameter
- The external diameter and the thickness are variable according to the above mentioned data
The insulation between the primary and the secondary cables must be carried out by the client during assembly



SUMMATION CURRENT TRANSFORMERS

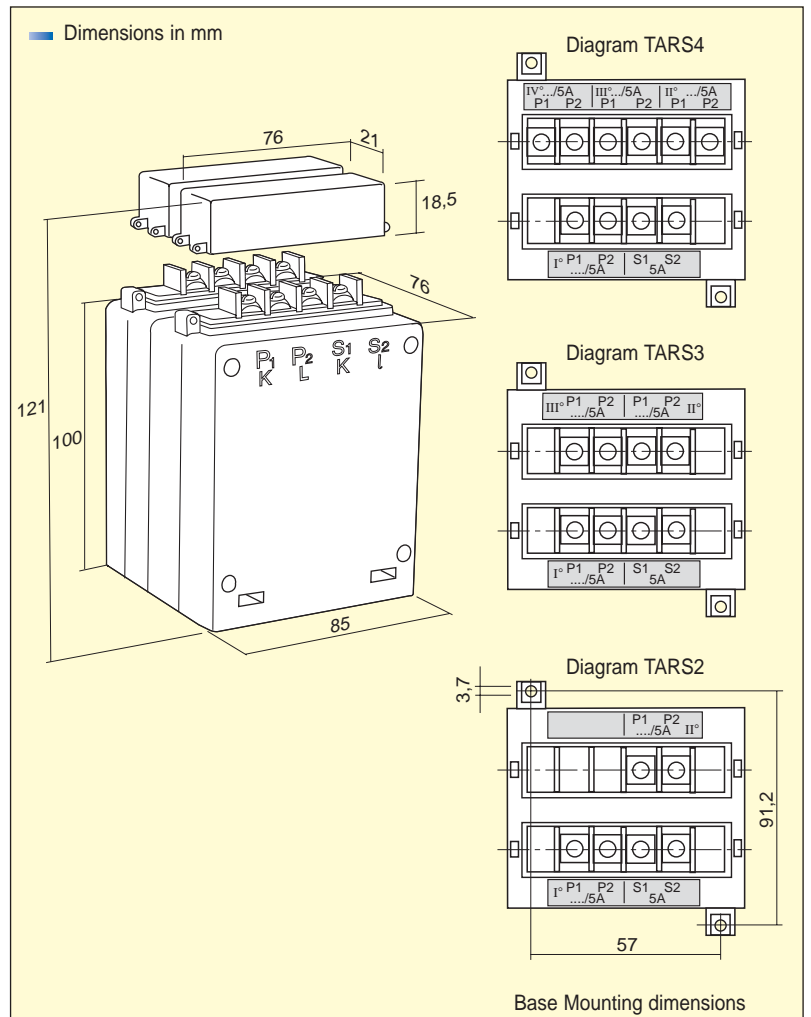
TARS

- For vectorial summation of the current of several phases in a single voltage system.
- Maximum reference voltage for insulation: 0,72 kV / 3kV
- Fixing system: to wall by accessories supplied together with the current transformer

- If the primary currents have different ratios, specify the ratios when ordering



kg	class 0,5					
weighth	secondary current 5A			secondary current 1A		
	range	code	VA	range	code	VA
1	5+5	TARS2	10	1+1	TARS21	10
	5+5+5	TARS3	10	1+1+1	TARS31	10
	5+5+5+5	TARS4	10	1+1+1+1	TARS41	10



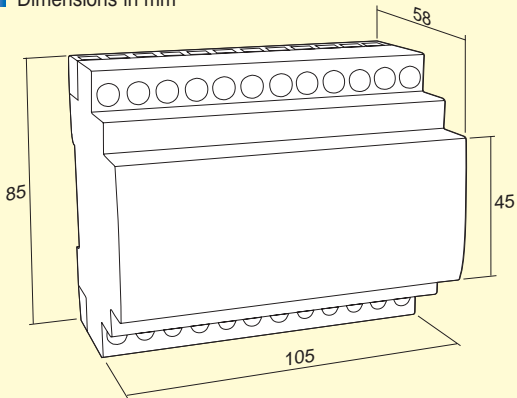
- For vectorial summation of the current of several phases in a single voltage system.
- Maximum reference voltage for insulation: 0,72 kV / 3kV
- Fixing system: to DIN rail

If the primary currents have different ratios, specify the ratios when ordering



kg		class 0,5				
weighth	secondary current 5A		secondary current 1A			
	range	code	VA	range	code	VA
	5+5	TARSD2	6	1+1	TARSD21	6
	5+5+5	TARSD3	6	1+1+1	TARSD31	6
	5+5+5+5	TARSD4	6	1+1+1+1	TARSD41	6

Dimensions in mm



The dimension of 105 mm correspond to a 6 DIN modules (17,5 mm each)

These diagrams refer to a connection of one phase. In case of a 2 systems connection (ARON) 2 summation CTs and 2 current transformers (one for phase L1 and one for phase L3) must be used. In case of 3 systems connection 3 summation CTs and 3 current transformers (one for phase L1, one for phase L2 and one for phase L3) must be used.

