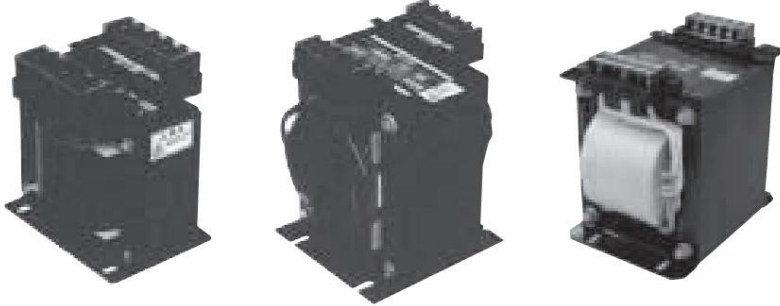


Transformers TR series

TR series

The TR series is a standard product that mainly includes single-phase, compound-turning transformers, as well as three-phase, compound-turning, and single-phase, single-turning transformers.

It is a standard type with a capacity ranging from 30VA to 5KVA and can be delivered immediately for a wide range of voices.



General specifications

Project finalization	
Form dry self-cooling	
Number of phases Single phase/Three phase	
Frequency standard product 50/60Hz	
Terminal	Terminal block connection method
structure Operating ambient temperature within 40y	
Insulation class A class (rise value limit 65y)	

Single-phase compound-wound transformers use the no-layer winding method.

The six main features are:

1. Equipped with electrostatic shield as standard (excluding TRA).
2. Increased strength due to robust terminal block structure.
3. The side walls between the terminals are raised to emphasize safety.
4. Uses a C-shaped cover that does not come off even under vibration.
5. The terminal block is made of PBT resin (UL94V-0), which is resistant to oil, heat, and chemicals.
6. By moving the terminal block closer to the center of the core, the slanting effect of the tool when installing the transformer is eliminated.

(However, some models are excluded. Please contact us for details.)

Form composition

TR 500 42

basic form capacity

(Single phase complex volume) TRH 30y750y30VAy750VAy
 (Single phase single winding) TRA 1Ky5Ky1KVy5KVy
 (Three-phase complex roll) TRP Please specify the capacity excluding the unit (VA).
 Sai.

Transformation ratio S

Symbols on the right
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 insulation class
 30VA to 2.5KVA: Class B insulation
 3KVA to 5KVA: F class insulation
 N
 Insulation class A class insulation

TRH-S transformation ratio

(symbol)	(primary side)	(Secondary side)
10S	0-100-110V	0-24-26V
20S	0-200-220V	0-24-26V
21S	0-200-210V-220V 0-100-105-110V	
41S	0-380-400-440V	0-100-110V
42S	0-380-400-440V	0-200-220V

TRA-N transformation ratio

(symbol)	(primary side)	(Secondary side)
21N	0-200-220V	0-100-110V
41N	0-380-400-440V 0-100-110-115V	
42N	0-380-400-440V 0-200-220-240V	

TRH-N transformation ratio

(symbol)	(primary side)	(Secondary side)
10N	0-100-110V	0-24-26V
20N	0-200-220V	0-24-26V
21N	0-200-220V	0-100-110V
41N	0-380-400-440V	0-100-110V
42N	0-380-400-440V	0-200-220V

TRP-N transformation ratio

(symbol)	(primary side)	(Secondary side)
42N	380-400-440V	200-220V