TOGI

# TRANSFORMER

## TR SERIES

The TR series include single-phase compound transformers, 3-phase compound transformers and single-phase auto -transfor

These standard types with the capacity ranging from 30VA to 5K are available anytime.

**General specification**

| Item | Rating |
|---|---|
| Type | Dry auto cooling |
| Number of phases | Single-phase, 3-phase |
| Frequency | Standard 50/60Hz |
| Terminal structure | Terminal block connection |
| Perm. Max.Temperatur | 105℃ or below |
| Insulation class | Class A |

### Features

1: The electrostatic shield is provided as a standard feature (Except TRA Transformer)
2: The terminal block structure is very strong
3: Safety is assured by higher partitions between terminals
4: The C-type cover never falls off even when the transformer is subjected to vibration
5: The insulator used is reinforced PBT resin (IL94V-0) featuring high resistance to oil, heat and chemicals
6: The terminal block now closer to the core center allows easier installation of the transformer with a screwdriver (This feature is not available with some models. Contact us for information on the details.)

### Model Designation

TR※ 500 – 42N

**Model code**
**TRH** : 1-phase compound transformer
**TRA** : 1-phase auto auto transformer
**TRP** : 3-phase compound transformer

**Capacity**
30-750 : 30VA-750VA
1K-5K : 1KVA-5KVA

**Transformation ratio**
Select from table right

※For ordering models of 10K or above, refer to Large capacity transformers.

**TRH Transformation ratio**

| Code | Primary | Secondary |
|---|---|---|
| 10 | 0-100-110V | 0-24-26V |
| 20 | 0-200-220V | 0-24-26V |
| 21 | 0-200-220V | 0-100-110V |
| 41 | 0-380-400-440V | 0-100-110V |
| 42 | 0-380-400-440V | 0-200-220V |

**TRA Transformation ratio**

| Code | Primary | Secondary |
|---|---|---|
| 21 | 0-200-220V | 0-100-110V |
| 41 | 0-380-400-440V | 0-100-115V |
| 42 | 0-380-400-440V | 0-200-220-240V |

**TRP Transformation ratio**

| Code | Primary | Secondary |
|---|---|---|
| 42 | 380-400-440V | 200-220V |