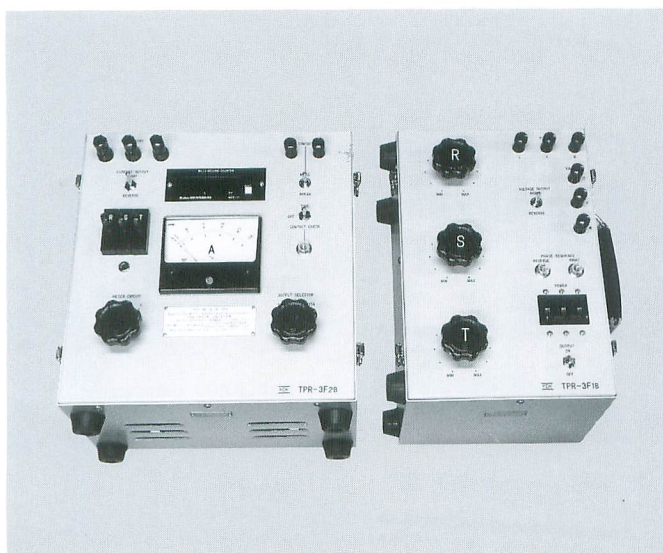
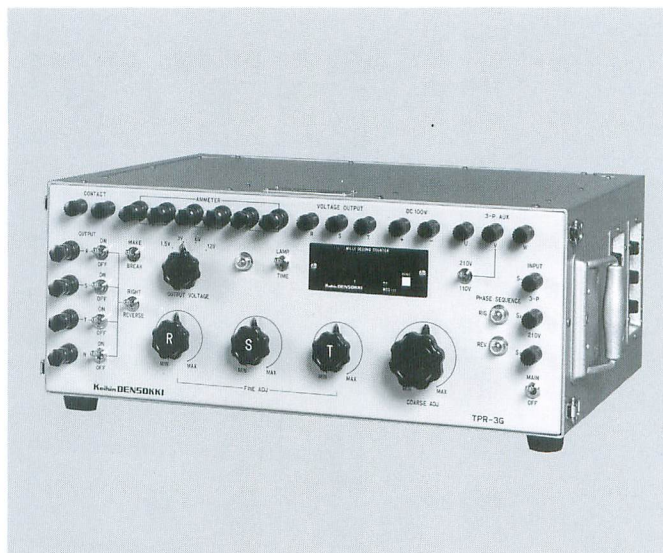


## 3E-Relay Test Set : Models TPR-3F & TPR-3G



**Model TPR-3F**

Power box : 260×360×270(H) mm, 17 kg  
Control box: 340×380×270(H) mm, 15 kg



**Model TPR-3G**

550×570×240(H) mm, 38 kg

3E-relay provides the special purpose for protecting electric motor, and it is able to detect over current, single-phase operation for three-phase motor and reverse phase sequence in the power supply to the motor.

3E-relay test set, Models TPR-3F & TPR-3G are suitable for checking the above three functions of relay. The operating time of relay under-test is measured by millisecond meter mounted in.

### Ratings of model TPR-3 series

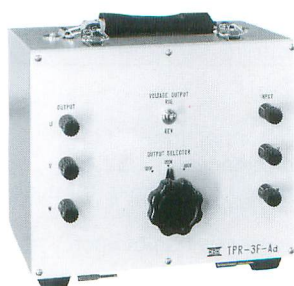
Model	TPR-3F	TPR-3G
Power supply	3 $\phi$ 200 V, 50/60 Hz	3 $\phi$ 210 V, 50/60 Hz
Output current	0–30 A in continuous & independent adjust. for 3 currents Current range ; 6, 12 A (5 min.), 30 A (30s) Capacity; Max. 120 VA for each of 3 currents	0–30 A in coarse adjust. by one knob for 3 currents and in fine adjust. by 3 knobs for 3 currents, 15 A continuous, 30 A 5 min. Capacity; Max. 200 VA for each of 3 currents
Aux. output	non	3 $\phi$ 3 wire; 110 V 20 VA 3 $\phi$ 3 wire; 0–230 V, 0.2 A $\times$ 3 DC; 100 V 0.5 A

### Measuring instruments

Model	TPR-3F	TPR-3G
Ammeter	6 A with CT 5, 10, 25 A/5 A 1.5 class	Non but Meter Box Model TPR-3GM is prepared as option.
Millisecond meter	0–999.9999 sec. 7 digits LED, resolution 0.1 ms	0–999.9999 sec. 7 digits LED, resolution 0.1 ms

### Adaptor : Model TPR-3F-Ad

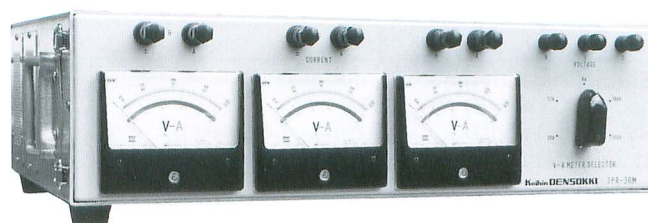
Adaptor is used for the test of relay with the suppressor voltage of 100 V or 400 V.



**Model TPR-3F-Ad**

### Meter Box : Model TPR-3GM

Meter box provides three volt/ammeter, and it is used in combination with model TPR-3G.



**Model TPR-3GM**