

TOYO

逆電力繼電器RPR(32)

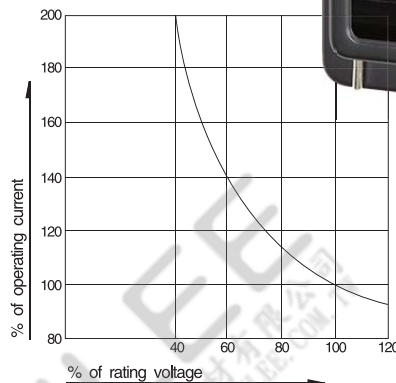
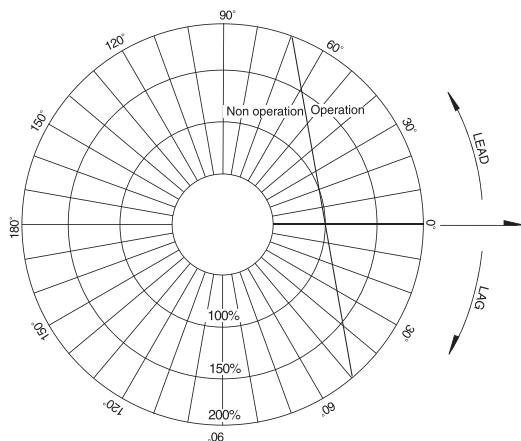
Reverse Power Relay

■ **TYPE TRP-C1** (固定型 : Fixed Type)

■ **TYPE TRP-CD1** (抽出型 : Draw Out Type)

When direction of power is reverse, the main contact is closed after time delay. This relay is used in phase control for parallel operated generator protection.

■ **PHASE and V-I CHARACTERISTICS** (最大感度角Lead 10°)



$$\text{Operating Current} = \frac{\text{Operation watt}}{\text{Rating Voltage} \times \cos \theta}$$



■ **SPECIFICATION** (values at 60Hz)

Type	Tap Range	Rating		ICS Unit (DC)	Figure	Weight
		(V)	(A)			
TRP-C1	10 , 15 , 20 , 25 , 30W	$110/\sqrt{3}$	5A	1.0A	Fixed	3.6kg
TRP-CD1	10 , 15 , 20 , 25 , 30W	$110/\sqrt{3}$	5A	0.5 / 2.0A	Draw Out	4.4kg

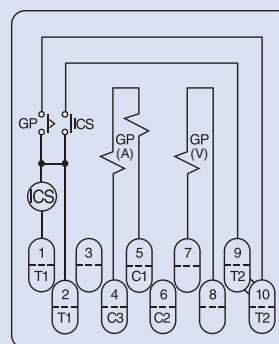
■ **OPERATING VALUE SETTING**

When setting the operating power of the relay, you can change the value by first inserting the spare screw (beside the ICS unit) into the expected power value, and then remove the original screw after setting is done. In the case of draw-out type relay, set the power value while the relay is being drawn out.

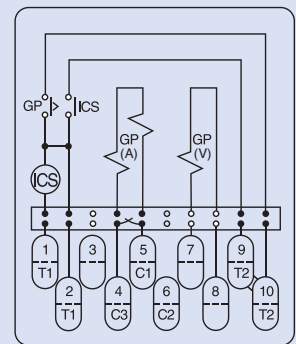
■ **TIME LEVER SETTING**

The operating time of the relay must firstly be decided before setting the time lever above the rotary disk. The time lever has been initialized at lever 10 as default setting.

■ **INTERNAL WIRING DIAGRAM**

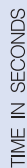


Fixed Type



Draw-out Type

TIME & CURRENT (Reverse Power Relay)



Input	Time (sec.)
200%	11.00
300%	5.50
500%	2.83

Lever

POWER % (% of Tap)

■ EXTERNAL WIRING DIAGRAM



■ DIMENSION



M5 FITTING STUPS

6-7 DIA

Reactance Box