

# NC-U Series

PCB-mounting Type, Within Primary Conductor

## Rated current

$\pm 5A \sim \pm 40A$

## Feature

- Low Current Range
- Single Supply Voltage (+15V)
- Low Cost

## Application

- Inverters Control
- Battery Control



## Specification

Parameter \ Type Ex.	NC-U10V4S15
Rated Current	+10A
Power Supply Voltage	+15V $\pm$ 5%
Offset Voltage	+0.5 $\pm$ 0.05V (@25°C)
Offset Voltage Temperature Coefficient	< $\pm$ 2.0mV/°C
Gain Voltage	+4.00 $\pm$ 0.06V (@25°C)
Gain Voltage Temperature Coefficient	< $\pm$ 0.05%/°C
Hysteresis Voltage	< $\pm$ 0.015V
Output Linearity	< $\pm$ 1.0%
Response Time	<10 $\mu$ s (di/dt = Rated Current/ $\mu$ s)
Insulation Voltage	2.5kVAC (50/60Hz, 1minute)
Insulation Resistance	500M $\Omega$ (DC500V)
Ambient Operating Temp.	-40°C $\sim$ +125°C
Dimensions (W $\times$ D $\times$ H)	18.8 $\times$ 19.8 $\times$ 19.5mm : Without Terminal

※+12V single supply voltage also available.