

NC-P Series

High Accuracy • Bolt On Type

Rated current

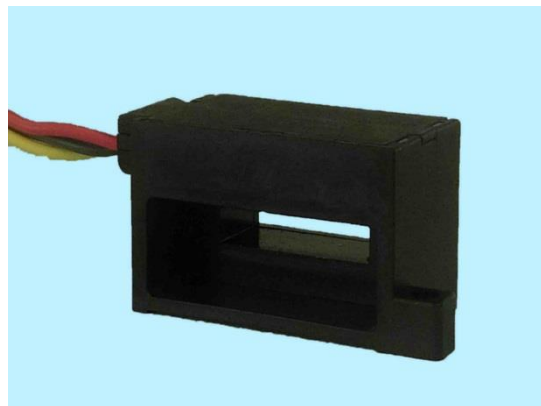
$\pm 50\text{A} \sim \pm 600\text{A}$

Feature

- High accuracy
- Small Sized
- Wide Operating Temp. Range

Application

- Battery Monitoring



Specification

Parameter \ Type Ex.	NC-P250V2S5
Rated Current	$\pm 250\text{A}$
Power Supply Voltage	$+5\text{V} \pm 5\%$
Offset Voltage	$+2.5 \pm 0.03\text{V} (@25^\circ\text{C})$
Offset Voltage Temperature Coefficient	$< \pm 1.5\text{mV}/^\circ\text{C}$
Gain Voltage	$\pm 2.0 \pm 0.03\text{V} (@25^\circ\text{C})$
Gain Voltage Temperature Coefficient	$< \pm 0.05\%/^\circ\text{C}$
Hysteresis Voltage	$< \pm 0.015\text{V}$
Output Linearity	$< \pm 1.0\%$
Response Time	$< 10\mu\text{s} (di/dt = 100\text{A}/\mu\text{s})$
Insulation Voltage	$2.5\text{kVAC} (50/60\text{Hz}, 1\text{minute})$
Insulation Resistance	$500\text{M}\Omega (DC500\text{V})$
Ambient Operating Temp.	$-40^\circ\text{C} \sim +125^\circ\text{C}$
Dimensions (W × D × H)	$41.0 \times 18.0 \times 21.3\text{mm} : \text{Without W/H}$