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IRAN HALL EFFECT Group

"Transducer 4-20mA" Datasheet



In: 50~300 A Out: 4 to 20 mA

Features:

- Economical and precise AC/DC current sensing solutions
- Based on Hall Effect linear Current Sensors
- Low power consumption
- High immunity to external interference
- Bidirectional / Unidirectional Output proportional to input current: 0-16mA, 4-20mA
- Bidirectional / Unidirectional Input AC/DC/Pulse Current: ±50A/100A/150A/200A/250A/300A
- Optional input currents are available
- Tray /Surface Mount (Through 3mm Screws)
- Case Material: Polyamide –Poly Carbonate
- Withstanding Temperature :-15~85 Celsius
- Color Code :4205 (Optional)
- Size: 2.5Cm*6Cm*7Cm
- Conductor Shape and Diameter: Cylindrical, 2.2 Cm
- Single supply Operation (15~24 VDC)
- Output Accuracy : Better than 1%
- Operating temperature Range: -10 C~+60 C
- Maximum Output Voltage Swing 2V less than VSUPPLY
- Input frequency 0~10Khz (On demand Designs up to 250Khz)
- Very Low hysteresis
- Typical Applications include: Electromotor, Drivers, Soft starters, Industrial Power Supplies such as Battery chargers, Battery supplied applications, Inverters, AC variable speed drives, Uninterruptible Power Supplies (UPS systems), Electric Vehicles, Welding Machines, Static converters for DC motor, Drives, Switched Mode Power Supplies (SMPS), DC-DC converters, load detection,...

Transducer 4-20mA Datasheet

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General Description

The 4-20mA Current Transducer is used to convert input current Signal passing through its hole to output current signal, the input signal current shape may be AC, DC, Pulsed, or mix of them.

This 4-20mA Current Transducer is ideal building block for system requiring noise immune signal transmission to operate Valves, Actuators and other control devices.

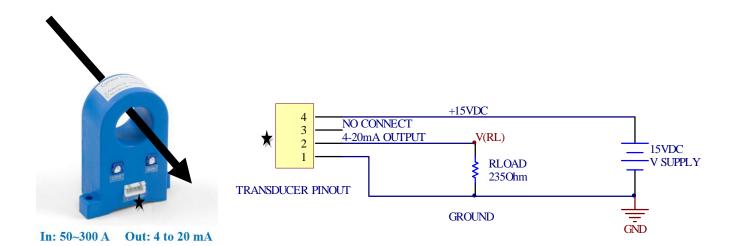
It is recommended as a replacement for discrete designs in a variety of applications in industrial process control, factory automation and system monitoring.

PRODUCT HIGHLIGHTS

- Simple calibration procedure
- An embedded reference pin for software adjustment to gain high accuracy(better than 0.5)%
- Input frequency 0~10Khz
- Very Low hysteresis

Nominal current	Parameter	50A	100A	200A	300A
In most	Hole diameter	Ф220mm	Ф220mm	Ф220mm	Ф220mm
	Current range(A)	-50~50	-100~100	-200~200	-300 ~ 300
Input	Overload	Fixed to nominal current			
	Frequency	0Hz~10KHz			
	Range DC 4-20mA (Maximum Load Voltage=RL*IL<(VSupply-2			(VSupply-2V))	
Output	Load resistance	R Load: ≤230Ω(15V power supply);R Load ≤470Ω(24V power Supply)			70Ω(24V power
Accuracy	Better than1%				
Bower cupply	Voltage 15 to 24 VDC (Ripple <1%)				
Power supply	Consumption	≤0.5VA	(DC15V) ; ≤1\	/A (DC 24V)	
Mounting	Tray Mount				

Sample Circuit diagram



$$Measured\ Current(A) = [\frac{\left(\frac{V(RL)}{RLoad} - 12\right)}{8}] * Nominal\ Transducer\ Current(A)$$

Single Supply - Unidirectional Input Current (Iout 4mA-20mA)

Part Number	HITRU03AD09VD1%CSA206
Input	0~50 A
Output	4 to 20 mA
Case Model	A2
Installation	Surface Mount-S
Accuracy	<1%
SUPPLY Voltage	15~24VDC
Part Number	HITRU04AD09VD1%CSA206
Input	0~100 A
Output	4 to 20 mA
Case Model	A2
Installation	Surface Mount-S
Accuracy	<1%
SUPPLY Voltage	15~24VDC
Part Number	HITRU05AD09VD1%CSA206
Input	0~150 A
Output	4 to 20 mA
Case Model	A2
Installation	Surface Mount-S
Accuracy	<1%
SUPPLY Voltage	15~24VDC
Part Number	HITRU06AD09VD1%CSA206
Part Number	HITRU06AD09VD1%CSA206
Part Number Input	HITRU06AD09VD1%CSA206 0~200 A
Part Number Input Output	HITRU06AD09VD1%CSA206 0~200 A 4 to 20 mA
Part Number Input Output Case Model	HITRU06AD09VD1%CSA206 0~200 A 4 to 20 mA A2
Part Number Input Output Case Model Installation	HITRU06AD09VD1%CSA206 0~200 A 4 to 20 mA A2 Surface Mount-S
Part Number Input Output Case Model Installation Accuracy	HITRU06AD09VD1%CSA206 0~200 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRU07AD09VD1%CSA206
Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage	HITRU06AD09VD1%CSA206 0~200 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRU07AD09VD1%CSA206 0~250 A
Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number	HITRU06AD09VD1%CSA206 0~200 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRU07AD09VD1%CSA206
Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input	HITRU06AD09VD1%CSA206 0~200 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRU07AD09VD1%CSA206 0~250 A 4 to 20 mA A2
Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output	HITRU06AD09VD1%CSA206 0~200 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRU07AD09VD1%CSA206 0~250 A 4 to 20 mA
Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model	HITRU06AD09VD1%CSA206 0~200 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRU07AD09VD1%CSA206 0~250 A 4 to 20 mA A2
Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation	HITRU06AD09VD1%CSA206 0~200 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRU07AD09VD1%CSA206 0~250 A 4 to 20 mA A2 Surface Mount-S
Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy	HITRU06AD09VD1%CSA206 0~200 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRU07AD09VD1%CSA206 0~250 A 4 to 20 mA A2 Surface Mount-S <1%
Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input	HITRU06AD09VD1%CSA206 0~200 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRU07AD09VD1%CSA206 0~250 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC
Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Output	HITRU06AD09VD1%CSA206 0~200 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRU07AD09VD1%CSA206 0~250 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRU7AD09VD1%CSA206 0~300 A 4 to 20 mA
Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input	HITRU06AD09VD1%CSA206 0~200 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRU07AD09VD1%CSA206 0~250 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRU07AD09VD1%CSA206 0~250 A
Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Output	HITRU06AD09VD1%CSA206 0~200 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRU07AD09VD1%CSA206 0~250 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRU7AD09VD1%CSA206 0~300 A 4 to 20 mA
Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model	HITRU06AD09VD1%CSA206 0~200 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRU07AD09VD1%CSA206 0~250 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRU07AD09VD1%CSA206 0~300 A 4 to 20 mA A2 A2

Single Supply - Bidirectional Input Current (Iout 4mA-20mA)

Part Number	HITRB03AD09VD1%CSA206
Input	-50 ~ 50 A
Output	4 to 20 mA
Case Model	A2
Installation	Surface Mount-S
Accuracy	<1%
SUPPLY Voltage	15~24VDC
Part Number	HITRB04AD09VD1%CSA206
Input	-100 ~ 100 A
Output	4 to 20 mA
Case Model	A2
Installation	Surface Mount-S
Accuracy	<1%
SUPPLY Voltage	15~24VDC
Part Number	HITRB05AD09VD1%CSA206
Input	-150 ~ 150 A
Output	4 to 20 mA
Case Model	A2
Installation	Surface Mount-S
Accuracy	<1%
SUPPLY Voltage	15~24VDC
Part Number	HITRB06AD09VD1%CSA206
Input	-200 ~ 200 A
_	
Output	4 to 20 mA
Output Case Model	4 to 20 mA A2
Case Model	A2
Case Model Installation	A2 Surface Mount-S
Case Model Installation Accuracy	A2 Surface Mount-S <1%
Case Model Installation Accuracy SUPPLY Voltage	A2 Surface Mount-S <1% 15~24VDC HITRB07AD09VD1%CSA206 -250 ~ 250 A
Case Model Installation Accuracy SUPPLY Voltage Part Number	A2 Surface Mount-S <1% 15~24VDC HITRB07AD09VD1%CSA206 -250 ~ 250 A 4 to 20 mA
Case Model Installation Accuracy SUPPLY Voltage Part Number Input	A2 Surface Mount-S <1% 15~24VDC HITRB07AD09VD1%CSA206 -250 ~ 250 A 4 to 20 mA A2
Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output	A2 Surface Mount-S <1% 15~24VDC HITRB07AD09VD1%CSA206 -250 ~ 250 A 4 to 20 mA
Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model	A2 Surface Mount-S <1% 15~24VDC HITRB07AD09VD1%CSA206 -250 ~ 250 A 4 to 20 mA A2
Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation	A2 Surface Mount-S <1% 15~24VDC HITRB07AD09VD1%CSA206 -250 ~ 250 A 4 to 20 mA A2 Surface Mount-S
Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number	A2 Surface Mount-S <1% 15~24VDC HITRB07AD09VD1%CSA206 -250 ~ 250 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRB08AD09VD1%CSA206
Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input	A2 Surface Mount-S <1% 15~24VDC HITRB07AD09VD1%CSA206 -250 ~ 250 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRB08AD09VD1%CSA206 -300 ~ 300 A
Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Cose Model Installation Accuracy SUPPLY Voltage Part Number Input Output	A2 Surface Mount-S <1% 15~24VDC HITRB07AD09VD1%CSA206 -250 ~ 250 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRB08AD09VD1%CSA206 -300 ~ 300 A 4 to 20 mA
Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model	A2 Surface Mount-S <1% 15~24VDC HITRB07AD09VD1%CSA206 -250 ~ 250 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRB08AD09VD1%CSA206 -300 ~ 300 A 4 to 20 mA A2
Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Cose Model Installation Accuracy SUPPLY Voltage Part Number Input Output	A2 Surface Mount-S <1% 15~24VDC HITRB07AD09VD1%CSA206 -250 ~ 250 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRB08AD09VD1%CSA206 -300 ~ 300 A 4 to 20 mA
Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model	A2 Surface Mount-S <1% 15~24VDC HITRB07AD09VD1%CSA206 -250 ~ 250 A 4 to 20 mA A2 Surface Mount-S <1% 15~24VDC HITRB08AD09VD1%CSA206 -300 ~ 300 A 4 to 20 mA A2

IRAN HALL EFFECT Group

"Transducer 0-5V Series" Datasheet



IN:15~300A

Out:0-5V

Features:

- Economical and precise AC/DC current sensing solutions
- Based on Hall Effect linear Current Sensors
- Low power consumption
- High immunity to external interference
- Bidirectional / Unidirectional Output proportional to input current: 0-5 VDC, 0-4 VDC
- Bidirectional / Unidirectional Input AC/DC/Pulse Current: ±15/20/25/50/100/150/200/250/300A
- Optional input currents are available
- Tray /Surface Mount (Through 3mm Screws)
- Case Material: Polyamide –Poly Carbonate
- Withstanding Temperature :-15~85 Celsius
- Color Code :4205 (Optional)
- Size: 2.5Cm*6Cm*7Cm
- Conductor Shape and Diameter: Cylindrical, 2.2 Cm
- Double supply Operation (±12 VDC ± 3v), Single Supply is an Option
- Output Accuracy : Better than 1%
- Operating temperature Range: -10 C~+60 C
- Input frequency 0~10Khz (On demand Designs up to 250Khz)
- Very Low hysteresis
- Typical Applications include: Electromotor, Drivers, Soft starters, Industrial Power Supplies such as Battery chargers, Battery supplied applications, Inverters, AC variable speed drives, Uninterruptible Power Supplies (UPS systems), Electric Vehicles, Welding Machines, Static converters for DC motor, Drives, Switched Mode Power Supplies(SMPS), DC-DC converters, load detection,...

General Description

The 0-5V/0-4V Current Transducer is used to convert input current Signal passing through its hole to output voltage signal, the input signal current shape may be AC, DC, Pulse, or mix of them.

The 0-5V/0-4V Current Transducer is ideal building block for systems, without noise.

For noisy environments please take a look at "4-20mA Current Transducers".

PRODUCT HIGHLIGHTS

- Simple calibration procedure
- Input frequency 0~10Khz (0~250Khz is available for single supply transducers)
- Very Low hysteresis

Nominal current	Parameter	±15/20/25/50/100/150/200/250/300A				
	Hole diameter Ф220mm					
	Current range(A)	-15 ~ 15 *	-100 ~ 100		-200 ~ 200	-300 ~ 300
Input						
	Overload	Fixed to nor	minal current			
	Frequency	0Hz~10KHz				
Output	Range DC 0-5VDC 0-4VDC					
Output	Load resistance	R Load: ~ 10	K Ohm			
Accuracy	Be er than1%					
Dower cupply	Voltage	±12 VDC ±3VDC(Ripple <1%) ≤0.5VA (DC15V) ; ≤1VA (DC 24V)				
Power supply	Consumption					
Mounting	Tray Mount					

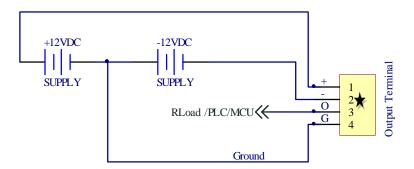
^{* 15 - 20 - 25} Amperes are Optional

Sample circuit diagram

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$$Measured\ Current(A) = \frac{V(RL)}{Nominal\ Transducer\ Output\ Voltage} * Nominal\ Transducer\ Current(A)$$

 $Nominal\ Transducer\ Output\ Voltage = 5\ Or\ 4\ VDC$

Nominal Transducer Current(A) = 15, ... 300 ADC

Double Supply Series - Bidirectional Input Current (Vout -5 to +5 VDC)

Part Number	HITRB03AD05VD1%CSA206
Input	-50 ~ 50 A
Output	-5 to +5 V
Case Model	A2
Installation	Surface Mount-S
Accuracy	<1%
SUPPLY Voltage	±12VDC
Part Number	HITRB04AD05VD1%CSA206
Input	-100 ~ 100 A
Output	-5 to +5 V
Case Model	A2
Installation	Surface Mount-S
Accuracy	<1%
SUPPLY Voltage	±12VDC
Part Number	HITRB05AD05VD1%CSA206
Input	-150 ~ 150 A
Output	-5 to +5 V
Case Model	A2
Installation	Surface Mount-S
Accuracy	<1%
SUPPLY Voltage	±12VDC
Part Number	HITRB06AD05VD1%CSA206
Input	-200 ~ 200 A
Output	-5 to +5 V
Case Model	A2
Installation	Surface Mount-S
Accuracy	<1%
SUPPLY Voltage	±12VDC
Part Number	HITRB07AD05VD1%CSA206
Input	-250 ~ 250 A
Output	-5 to +5 V
Case Model	A2
Installation	Surface Mount-S
Accuracy	<1%
SUPPLY Voltage	±12VDC
Part Number	HITRB08AD05VD1%CSA206
Input	-300 ~ 300 A
Output	-5 to +5 V
Case Model	A2
Installation	Surface Mount-S
Accuracy	<1%
SUPPLY Voltage	±12VDC

Double Supply Series - Bidirectional Input Current (Vout -4 to +4VDC)

Part Number	HITRB03AD04VD1%CSA206
Input	-50 ~ 50 A
Output	-4 to +4 V
Case Model	A2
Installation	Surface Mount-S
Accuracy	<1%
SUPPLY Voltage	±12VDC
Part Number	HITRB04AD04VD1%CSA206
Input	-100 ~ 100 A
Output	-4 to +4 V
Case Model	A2
Installation	Surface Mount-S
Accuracy	<1%
SUPPLY Voltage	±12VDC
Part Number	HITRB05AD04VD1%CSA206
Input	-150 ~ 150 A
Output	-4 to +4 V
Case Model	A2
Installation	Surface Mount-S
Accuracy	<1%
SUPPLY Voltage	±12VDC
Part Number	HITRB06AD04VD1%CSA206
Input	-200 ~ 200 A
Input Output	-200 ~ 200 A -4 to +4 V
Output	-4 to +4 V
Output Case Model	-4 to +4 V A2
Output Case Model Installation	-4 to +4 V A2 Surface Mount-S
Output Case Model Installation Accuracy	-4 to +4 V A2 Surface Mount-S <1% ±12VDC HITRB07AD04VD1%CSA206
Output Case Model Installation Accuracy SUPPLY Voltage	-4 to +4 V A2 Surface Mount-S <1% ±12VDC
Output Case Model Installation Accuracy SUPPLY Voltage Part Number	-4 to +4 V A2 Surface Mount-S <1% ±12VDC HITRB07AD04VD1%CSA206
Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input	-4 to +4 V A2 Surface Mount-S <1% ±12VDC HITRB07AD04VD1%CSA206 -250 ~ 250 A -4 to +4 V A2
Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output	-4 to +4 V A2 Surface Mount-S <1% ±12VDC HITRB07AD04VD1%CSA206 -250 ~ 250 A -4 to +4 V
Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model	-4 to +4 V A2 Surface Mount-S <1% ±12VDC HITRB07AD04VD1%CSA206 -250 ~ 250 A -4 to +4 V A2
Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation	-4 to +4 V A2 Surface Mount-S <1% ±12VDC HITRB07AD04VD1%CSA206 -250 ~ 250 A -4 to +4 V A2 Surface Mount-S
Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy	-4 to +4 V A2 Surface Mount-S <1% ±12VDC HITRB07AD04VD1%CSA206 -250 ~ 250 A -4 to +4 V A2 Surface Mount-S <1% ±12VDC HITRB08AD04VD1%CSA206
Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input	-4 to +4 V A2 Surface Mount-S <1% ±12VDC HITRB07AD04VD1%CSA206 -250 ~ 250 A -4 to +4 V A2 Surface Mount-S <1% ±12VDC HITRB08AD04VD1%CSA206 -300 ~ 300 A
Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage	-4 to +4 V A2 Surface Mount-S <1% ±12VDC HITRB07AD04VD1%CSA206 -250 ~ 250 A -4 to +4 V A2 Surface Mount-S <1% ±12VDC HITRB08AD04VD1%CSA206 -300 ~ 300 A -4 to +4 V
Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input	-4 to +4 V A2 Surface Mount-S <1% ±12VDC HITRB07AD04VD1%CSA206 -250 ~ 250 A -4 to +4 V A2 Surface Mount-S <1% ±12VDC HITRB08AD04VD1%CSA206 -300 ~ 300 A -4 to +4 V A2
Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output	-4 to +4 V A2 Surface Mount-S <1% ±12VDC HITRB07AD04VD1%CSA206 -250 ~ 250 A -4 to +4 V A2 Surface Mount-S <1% ±12VDC HITRB08AD04VD1%CSA206 -300 ~ 300 A -4 to +4 V A2 Surface Mount-S
Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model Installation Accuracy SUPPLY Voltage Part Number Input Output Case Model	-4 to +4 V A2 Surface Mount-S <1% ±12VDC HITRB07AD04VD1%CSA206 -250 ~ 250 A -4 to +4 V A2 Surface Mount-S <1% ±12VDC HITRB08AD04VD1%CSA206 -300 ~ 300 A -4 to +4 V A2

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Single Supply Series - Bidirectional Input Current (Vout 0.5 to 4.5 VDC)

Part Number	HITRB03AD05VD0.5%CSA203
Input	-50 ~ 50 A
Output	0.5 to 4.5 V
Case Model	A2
Installation	Surface Mount-S
Accuracy	<0.5%
SUPPLY Voltage	+12VDC
Part Number	HITRB04AD05VD0.5%CSA203
Input	-100 ~ 100 A
Output	0.5 to 4.5 V
Case Model	A2
Installation	Surface Mount-S
Accuracy	<0.5%
SUPPLY Voltage	+12VDC
Part Number	HITRB05AD05VD0.5%CSA203
Input	-150 ~ 150 A
Output	0.5 to 4.5 V
Case Model	A2
Installation	Surface Mount-S
Accuracy	<0.5%
SUPPLY Voltage	+12VDC
Part Number	HITRB06AD05VD0.5%CSA203
Input	-200 ~ 200 A
Output	0.5 to 4.5 V
Case Model	A2
Installation	Surface Mount-S
Accuracy	<0.5%
SUPPLY Voltage	+12VDC
Part Number	HITRB07AD05VD0.5%CSA203
Input	-250 ~ 250 A
Output	0.5 to 4.5 V
Case Model	A2
Installation	Surface Mount-S
Accuracy	<0.5%
SUPPLY Voltage	+12VDC
Part Number	HITRB08AD05VD0.5%CSA203
Input	-300 ~ 300 A
Output	0.5 to 4.5 V
Case Model	A2
Installation	Surface Mount-S
Accuracy	<0.5%
SUPPLY Voltage	+12VDC