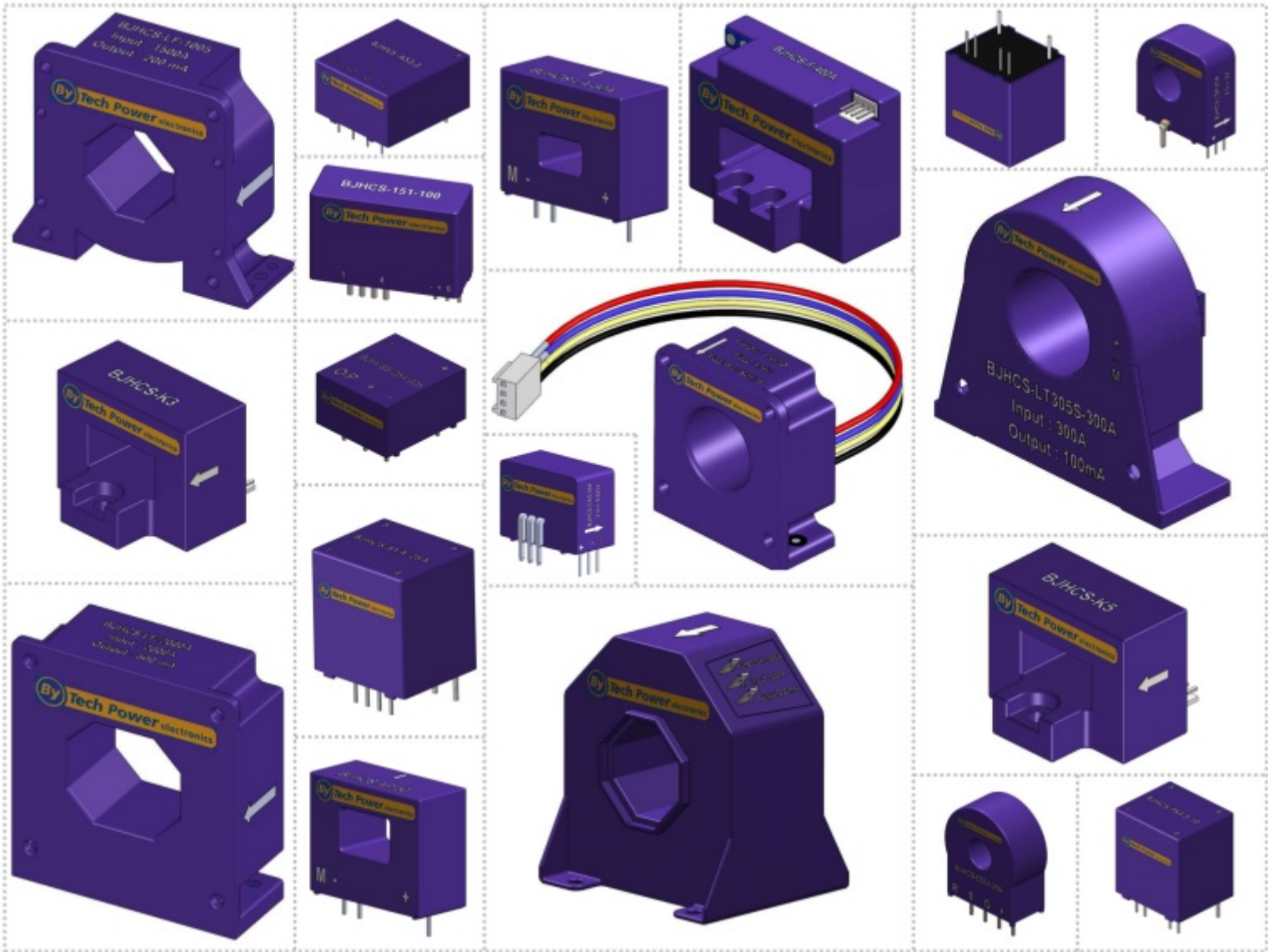


# Tech Power<sup>®</sup> Components



## Hall Effect Sensors

## Mounting Type

- A: Primary & secondary currents on PCB
- B: Primary current through hole, secondary on PCB
- C: Frame mounting



# Hall Effect Symetric Voltage Supply Current Sensors

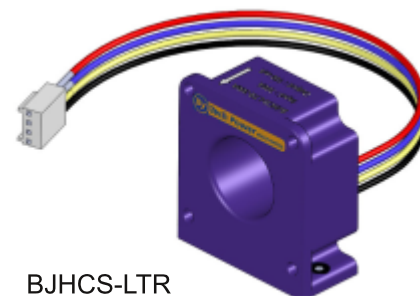
Serie	$I_{PN}$ (A)	$I_P$ max (A)	Type	$V_C$ (Vdc)	V OUT / I OUT at $I_{PN}$	Accuracy at $I_{PN}/T_A=25^\circ\text{C}$ (%)	Operating Temperature ( $^\circ\text{C}$ )	Mounting Type
BJHCS-151-100/100B	25 - 50	100	Closed loop	$\pm 15$	25 - 50mA	0.5	-40...+85	A
BJHCS-151-104/204	25 - 50	120	Closed loop	$\pm 15$	12.5 - 25mA	0.5	-40...+85	A
BJHCS-LT205M/S	50/.../300	900	Closed loop	$\pm 12... \pm 18$	50/.../150mA	0.5	-40...+85	C
BJHCS-LT305M/S	300/.../500	1500	Closed loop	$\pm 15... \pm 24$	100mA	0.5	-40...+85	C
BJHCS-LTR	50/.../300	900	Closed loop	$\pm 12... \pm 18$	50/.../150mA	0.5	-40...+85	C
BJHCS-P	3/.../50	150	Closed loop	$\pm 15$	4V	0.5	-40...+85	A
BJHCS-SY	3/.../50	150	Closed loop	$\pm 15$	4V	0.5	-40...+85	A
BJHCS-SYA	3/.../50	100	Closed loop	$\pm 15$	20mA	0.5	-40...+85	A
BJHCS-BR	50/.../600	900	Open loop	$\pm 15$	4V	1	-40...+85	C
BJHCS-F	200/.../2000	3000	Open loop	$\pm 15$	4V	1	-40...+85	C
BJHCS-K3	50/.../600	900	Open loop	$\pm 15$	4V	1	-40...+85	C
BJHCS-LA	25/.../100	150	Closed loop	$\pm 12... \pm 15$	25/.../50mA	0.5	-40...+85	B
BJHCS-AP	50/.../200	600	Closed loop	$\pm 12... \pm 18$	50/.../125mA	0.5	-40...+85	B



BJHCS-151



BJHCS-LT



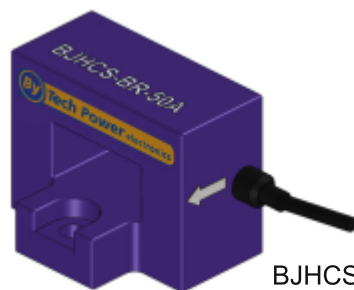
BJHCS-LTR



BJHCS-P



BJHCS-SY/SYA



BJHCS-BR



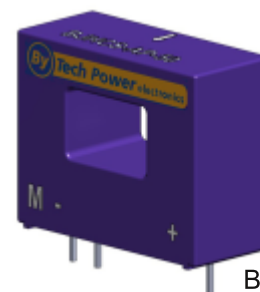
BJHCS-F



BJHCS-K3



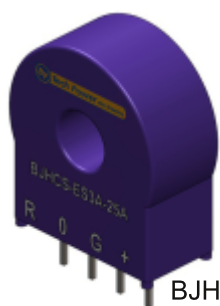
BJHCS-LA



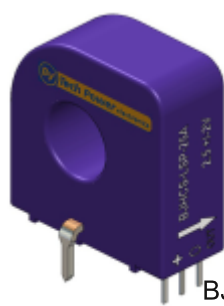
BJHCS-AP

## Hall Effect Single Voltage Supply Current Sensors

Serie	$I_{PN}$ (A)	$I_P$ max (A)	Type	$V_C$ (Vdc)	$V_{OUT}$ at $I_{PN}$ (V)	Accuracy at $I_{PN}/T_A=25^\circ\text{C}$ (%)	Operating Temperature ( $^\circ\text{C}$ )	Mounting Type
BJHCS-ES3A	25 - 50 - 75	150	Closed loop	+3.3	$1.65 \pm 0.625$	0.5	-40...+85	B
BJHCS-ES5A	25 - 50 - 75	200	Closed loop	+5	$2.5 \pm 0.625$	0.5	-40...+85	B
BJHCS-LSP	20 - 25	25	Closed loop	+5	$2.5 \pm 2$	0.7	-40...+85	A or B
BJHCS-LSP3	6/.../25	50	Closed loop	+3.3	$1.65 \pm 0.625$	0.7	-40...+85	A or B
BJHCS-K5	50/.../600	900	Open loop	+5	$2.5 \pm 0.625$	1	-40...+85	C
BJHCS-LTS	6/.../50	150	Closed loop	+5	$2.5 \pm 0.625$	0.7	-40...+85	A or B
BJHCS-LTSR	6/.../50	150	Closed loop	$\pm 5$	$2.5 \pm 0.625$	0.7	-40...+85	A or B
BJHCS-LTS3	6/.../50	84	Closed loop	+3.3	$1.65 \pm 0.625$	0.7	-40...+85	A or B
BJHCS-PS3.3	5/.../25	50	Closed loop	+3.3	$1.65 \pm 0.625$	0.7	-40...+85	A
BJHCS-PS5	5/.../25	80	Closed loop	+5	$2.5 \pm 0.625$	0.7	-40...+85	A
BJHCS-CAS	6 - 15 - 25	84	Closed loop	+5	$2.5 \pm 0.625$	0.5	-40...+85	A



BJHCS-ES



BJHCS-LSP



BJHCS-K5



BJHCS-LTS



BJHCS-PS



BJHCS-CAS

## Hall Effect High Precision Current Sensors

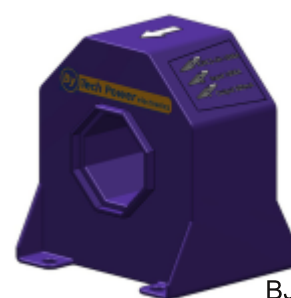
Serie	$I_{PN}$ (A)	$I_P$ max (A)	Type	$V_C$ (Vdc)	$I_{OUT}$ at $I_{PN}$ (mA)	Accuracy at $I_{PN}/T_A=25^\circ\text{C}$ (%)	Operating Temperature ( $^\circ\text{C}$ )	Mounting Type
BJHCS-LF	1000 - 2000	3800	Closed loop	$\pm 15... \pm 24$	200 - 500	0.2	-40...+85	C
BJHCS-LF1005	500 - 1000	1500	Closed loop	$\pm 15... \pm 24$	100 - 200	0.2	-40...+85	C
BJHCS-SH	1000	2000	Closed loop	$\pm 15... \pm 24$	200	0.2	-40...+85	C



BJHCS-LF



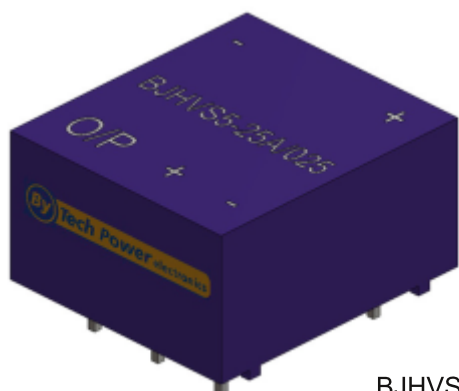
BJHCS-LF1005



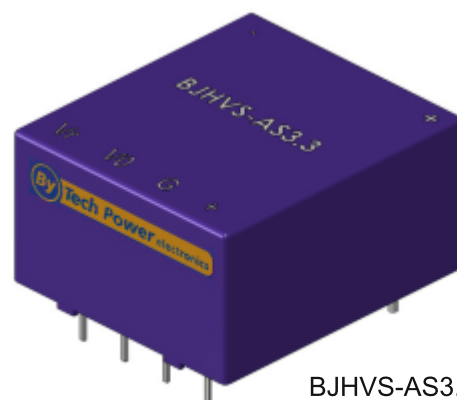
BJHCS-SH

## Hall Effect Voltage Sensors

Serie	V <sub>PN</sub> (V)	I <sub>PN</sub> (mA)	Type	V <sub>C</sub> (Vdc)	V OUT / I OUT at I <sub>PN</sub>	Accuracy at I <sub>PN</sub> /T <sub>A</sub> =25°C (%)	Operating Temperature (°C)	Mounting Type
BJHVS5-25A	1200	5	Closed loop	±15	25 mA	0.5	-40...+85	A
BJHVS025A	500	10	Closed loop	±15	25 mA	0.5	-40...+85	A
BJHVS-AS3.3-5	1200	5	Closed loop	+3.3	1.65 ± 0.625V	0.5	-40...+85	A
BJHVS-AS3.3-10	500	10	Closed loop	+3.3	1.65 ± 0.625V	0.5	-40...+85	A



BJHVS



BJHVS-AS3.3



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