



CURRENT SENSOR Application

EV / Automotive
电流传感器应用
——新能源车

Founded
2013

1200 employees, **200** R&D staff
 全球员工: 1200、技术人员: 200+

1200/200+

xMR device ~ **500** Mpcs/year
 xMR die ~ 5 亿颗/年

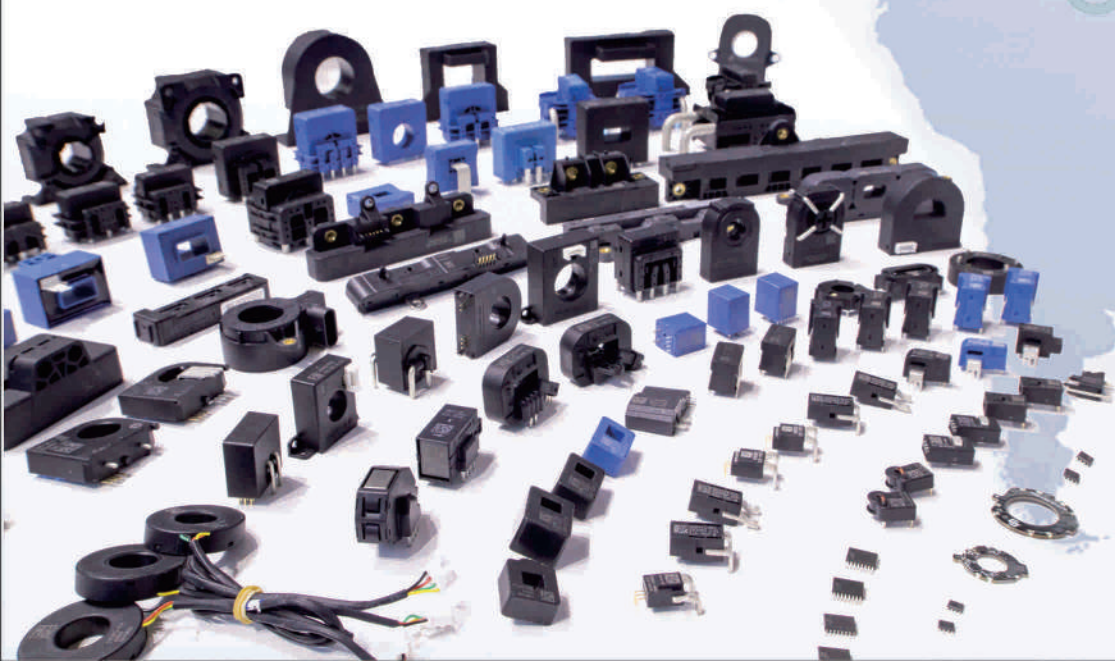
500 Mpcs

Y2022, current sensor production exceeds **100** Mpcs
 2022年, 电流传感器产出突破1亿颗

100 Mpcs

PV industry current sensors: Over 50% market dominance
 Automotive-grade current sensors: 30% global market share
 光伏行业电流传感器的市场占有率超过50%, 汽车行业30%

50%+



SINOMAGS CURRENT SENSOR

Founded in 2013, Sinomags is dedicated to the development and production of magnetic sensors.

We have four subsidiary companies in Germany, Wuxi, Ningbo, and Bengbu. And we have invested in a magnetic encoder R&D and production base in Wuxi.

The company's R&D team consists of more than 200 personnel with a number of experts in the field of magnetism and power electronics as the core, covering the design development and production of the whole industrial chain from xMR wafers to sensor modules.

With the mastery of the core technology of magnetic sensing and continuous innovation, Sinomags is providing more competitive solutions for new energy power generation, new energy vehicles, smart grid, smart home, smart manufacturing and other industries.

希磁科技成立于2013年, 专注于磁性传感器的研发与生产, 融合了设计、研发、生产以及销售于一体的运营模式, 坚持自主创新。

希磁科技在安徽、宁波、无锡和德国设有四家子公司, 并在无锡投资建立了磁性编码器研发生产基地。

希磁科技的产品系列包括: AMR, GMR, TMR晶圆, 磁性传感器芯片, 磁性传感器模组以及磁性检测系统等。

作为一家高新技术企业和国家专精特新小巨人企业, 我们全球的员工人数近1200人, 技术团队由磁学和电力学领域的多名专家领衔, 团队规模达200人。

凭借对磁传感核心技术的深入掌握和持续创新, 希磁科技正为新能源发电、新能源汽车、智能电网、智能家居以及智能制造等行业提供更具竞争力的解决方案, 推动技术进步和发展。



 **Bengbu (Sinomags)**

Headquarter
 Production for Current Sensor

 **Wuxi (Lertech & Esstmags)**

R&D
 Sales Centers

 **Ningbo (Sinomags)**

R&D & Production for Current Sensor

 **Mainz (SENSITEC)**

Waferfab for magnetic sensor

 **Wetzlar (SENSITEC)**

R&D Center for magnetic sensor



EV APPLICATION

新能源车应用

AEC-Q100 Qualified Wide range of current dete

ISO26262 ASIL B

AEC-Q100 认证

ISO26262 & ASIL B

电流检测范围宽

出色的电磁兼容性

EPS
Headlight Power Supply

PDU、BDU

OBC/DC-DC

STK-600/M series

STK-616 series

Charging Pile

SFG-CPL series

STK-616 series STK-HD/K&P STK-PL series

STB-CAS series STK-600/M series

STK-HO

MCU

SHK-VBS series
SHK-VBS-T series

Air Compressor &
DC/DC Power Supply

SHK-VBS6/S2 series
SHK-2000VBS8 series

STK-600/M series

STK-616TM series
CFS1000 series

◎ EPS & Headlight Power supply /助力转向&大灯电源

Technology		Type	Out		Vcc (V)	I _{pn} (A)	I _{pm} (A)	U _{ESD} (kV)	U _d (kV)	BW (kHz)	t _r (μs)	X@I _{PN} T _A =25°C (%FS)	X _T Range (%FS)	Connecction	Application
Open-loop	Closed-loop		Voltage	Current											
o		STK-600/M-MPFF&MPSF	o		5, 3.3	50, 100	50 ~ 250	4	4	120	4.6	2.4	3.5	THT	EPS
o		STK-600-M-PFF&PSF&PSS	o		5, 3.3	50, 100	50 ~ 400	4	4	120	4.6	2.4	3.5	THT	
o		STK-616ZMF	o		3.3, 5	10 ~ 65	10 ~ 65	4	3.6	2000	0.05	1.5	3.5	SMT	
o		STK-616YML	o		3.3, 5	20 ~ 50	20 ~ 50	4	2.1/2.4	400	1	1.5	3.5	SMT	Headlight Power supply
o		STK-616ZMF	o		3.3, 5	10 ~ 65	10 ~ 65	4	3.6	2000	0.05	1.5	3.5	SMT	
o		STK-616YML	o		3.3, 5	20 ~ 50	20 ~ 50	4	2.1/2.4	400	1	1.5	3.5	SMT	



STK-600/M -PFF&PSF&PSS STK-600/M-MPFF&MPSF STK-616ZMF STK-616YML

◎ Air Compressor & DC/DC Power supply /空气压缩机&直流-直流电源

Technology		Type	Out		Vcc (V)	I _{pn} (A)	I _{pm} (A)	UESD (kV)	U _d (kV)	BW (kHz)	t _r (μs)	X@IPN T _A =25°C (%FS)	X _T Range (%FS)	Connecction	Application
Open-loop	Closed-loop		Voltage	Current											
O		SHK-VBS2-D	O		5	545	1090	4	4	NC	3.5	1.5	3	THT	Air Compressor & DC/DC Power supply
O		SHK-VBS3	O		5	100 ~ 900	100 ~ 900	5	4	100	3.5	2	3.5	THT	
O		SHK-VBS3/Sx	O		5	400 ~ 900	400 ~ 900	4	4	100	3.5	1	3.5	THT	
O		SHK-VBS3-SA&SC	O		5	1000 ~ 1600	1000 ~ 1600	2	3.6	40	2	1.75	3	THT	
O		SHK-VBS3-SE&SF	O		5	1000 ~ 1600	1000 ~ 1600	2	3.6	40	2	1.75	3	THT	
O		STK-600/M-MPFF&MPSF	O		5, 3.3	50, 100	50 ~ 250	4	4	120	4.6	2.4	3.5	THT	
O		STK-600-M-PFF&PSF&PSS	O		5, 3.3	50, 100	50 ~ 400	4	4	120	4.6	2.4	3.5	THT	
O		STK-616AM	O		3.3, 5	25 ~ 100	25 ~ 100	4	4	600	0.9	1.5	3.5	SMT	
O		STK-616AM3	O		3.3, 5	50 ~ 180	50 ~ 180	4	4	600	0.9	1	3.5	SMT	
O		STK-616AM5	O		3.3, 5	20 ~ 200	20 ~ 200	4	4	600	0.9	1.5	3.5	SMT	
O		STK-616AM8	O		3.3, 5	50 ~ 133	50 ~ 133	4	4	600	0.9	1	3.5	SMT	
O		STK-616BML	O		3.3, 5	6.5 ~ 65	6.5 ~ 65	4	3.6	600	0.9	1.5	3.5	SMT	
O		STK-616DML	O		3.3, 5	6 ~ 25	14.5 ~ 75	4	3.6	600	0.9	1.5	3.5	SMT	
O		STK-616HML	O		3.3, 5	10 ~ 30	25 ~ 75	4	3.6	600	0.9	1.5	3.5	SMT	
O		STK-616KMF	O		3.3, 5	20 ~ 65	20 ~ 65	4	3.6	1500	0.2	1.5	3.5	SMT	
O		STK-616TML	O		3.3, 5	10 ~ 133	10 ~ 133	4	3.6	600	0.9	3.5	3.5	SMT	
O		STK-616TMF	O		3.3, 5	10 ~ 65	10 ~ 65	4	3.6	1500	0.2	1.5	3.5	SMT	
O		STK-616TMF5	O		3.3, 5	10 ~ 133	10 ~ 133	4	3.6	1500	0.6	1.5	3.5	SMT	
O		STK-616TMM	O		3.3, 5	20 ~ 65	20 ~ 65	4	3.6	600	0.2	1.5	3.5	SMT	
O		STK-616TMW	O		3.3, 5	20 ~ 65	20 ~ 65	4	3.6	600	0.2	1.5	3.5	SMT	
O		STK-616TMWD	O		3.3, 5	20 ~ 65	1, 20 ~ 65	8	5	600	0.2	1.5	3.5	SMT	
O		STK-616ZMF	O		3.3, 5	10 ~ 65	10 ~ 65	2	3.6	2000	0.05	1.5	3.5	SMT	
O		STK-616YML	O		3.3, 5	20 ~ 50	20 ~ 50	4	2.1/2.4	400	1	1.5	3.5	SMT	



◎ OBC, DC/DC & BMS / 车载充电机，直流-直流 & 电池管理系统

Technology			Type	Out			Vcc (V)	I _{pn} (A)	I _{pm} (A)	U _{ESD} (kV)	U _d (kV)	BW (kHz)	t _r (μs)	X@IPN TA=25°C (%FS)	X_Trange (%FS)	Connction	Application
Open-loop	Closed-loop	Fluxgate		Voltage	Digital	Current											
O			STK-600/M-MPFF&MPSF	O			5, 3.3	50, 100	50 ~ 250	4	4	120	4.6	2.4	3.5	THT	OBC,DC/DC
O			STK-600-M-PFF&PSF&PSS	O			5, 3.3	50, 100	50 ~ 400	4	4	120	4.6	2.4	3.5	THT	
O			STK-616AM	O			3.3, 5	25 ~ 100	25 ~ 100	4	4	600	0.9	1.5	3.5	SMT	
O			STK-616AM3	O			3.3, 5	50 ~ 180	50 ~ 180	4	4	600	0.9	1	3.5	SMT	
O			STK-616AM5	O			3.3, 5	20 ~ 200	20 ~ 200	4	4	600	0.9	1.5	3.5	SMT	
O			STK-616AM8	O			3.3, 5	50 ~ 133	50 ~ 133	4	4	600	0.9	1	3.5	SMT	
O			STK-616BML	O			3.3, 5	6.5 ~ 65	6.5 ~ 65	4	3.6	600	0.9	1.5	3.5	SMT	
O			STK-616DML	O			3.3, 5	6 ~ 25	14.5 ~ 75	4	3.6	600	0.9	1.5	3.5	SMT	
O			STK-616HML	O			3.3, 5	10 ~ 30	25 ~ 75	4	3.6	600	0.9	1.5	3.5	SMT	
O			STK-616KMF	O			3.3, 5	20 ~ 65	20 ~ 65	4	3.6	1500	0.2	1.5	3.5	SMT	
O			STK-616TML	O			3.3, 5	10 ~ 133	10 ~ 133	4	3.6	600	0.9	3.5	3.5	SMT	
O			STK-616TMF	O			3.3, 5	10 ~ 65	10 ~ 65	4	3.6	1500	0.2	1.5	3.5	SMT	
O			STK-616TMF5	O			3.3, 5	10 ~ 133	10 ~ 133	4	3.6	1500	0.6	1.5	3.5	SMT	
O			STK-616TMM	O			3.3, 5	20 ~ 65	20 ~ 65	4	3.6	600	0.2	1.5	3.5	SMT	
O			STK-616TMW	O			3.3, 5	20 ~ 65	20 ~ 65	4	3.6	600	0.2	1.5	3.5	SMT	
O			STK-616TMWD	O			3.3, 5	20 ~ 65	1, 20 ~ 65	8	5	600	0.2	1.5	3.5	SMT	
O			STB-CAB500	O			12	500	NA	4	2.5	NA	NA	0.5	0.5	Clamping	
O			STB-CAB540	O			12	540	NA	4	2.5	NA	NA	0.5	0.5	Clamping	
O			STB-CAB600X-XXC	O			12	540	NA	4	2.5	NA	NA	0.5	0.5	Clamping	
O			STB-CAB500x-xxx	O			12	500	NA	4	2.5	NA	NA	0.5	0.5	Clamping	
O			STB-CAB1000X-xxx	O			12	1000	NA	4	2.5	NA	NA	0.5	0.5	Clamping	
O			STB-CABxxxN-xxF	O			12	500700	NA	4	2.5	NA	NA	0.5	0.5	Clamping	
O			STB-CAB1500	O			12	600	NA	4	2.5	NA	NA	0.5	0.5	Clamping	



◎ Motor Controller / 电机控制器

Technology			Type	Out			Vcc (V)	I _{pn} (A)	I _{pm} (A)	U _{ESD} (kV)	U _d (kV)	BW (kHz)	t _r (μs)	X@I _{ms} TA=25°C (%FS)	X_TRange (%FS)	Connction	Application
Open-loop	Closed-loop	Fluxgate		Voltage	Digital	Current											
O			SHK-VBS2-D	O			5	545	1090	4	4	NC	3.5	1.5	3	THT	Motor Controller
O			SHK-VBS-D-A	O			5	75, 1000	NA	8	2.5	10	18	NA	3.3, 4.4	THT	
O			SHK-VBS-D-B	O			5	75, 500	NA	8	2.5	10	18	NA	3.3, 2.1	THT	
O			SHK-VBS-D-C	O			5	75, 750	NA	8	2.5	10	18	NA	3.3, 3	THT	
O			SHK-VBS-D-D	O			5	30, 350	NA	8	2.5	10	18	NA	3.3, 2.6	THT	
O			SHK-VBS-D-E	O			5	40, 400	NA	8	2.5	10	18	NA	3.7, 3.2	THT	



◎ Motor Controller / 电机控制器

Technology			Type	Out			Vcc (V)	I _{pn} (A)	I _{pm} (A)	U _{ESD} (kV)	U _d (kV)	BW (kHz)	t _r (μs)	X@IPN TA=25°C (%FS)	X_Trange (%FS)	Connction	Application
Open-loop	Closed-loop	Fluxgate		Voltage	Digital	Current											
O			SHK-VBS3	O			5	100 ~ 900	100 ~ 900	5	4	100	3.5	2	3.5	THT	Motor Controller
O			SHK-VBS3/Sx	O			5	400 ~ 900	400 ~ 900	4	4	100	3.5	1	3.5	THT	
O			SHK-VBS-A1-S2	O			5	600	600	4	4	100	3.5	1.5	3.5	THT	
O			SHK-VBS-A3-S3	O			5	500 ~ 1200	500 ~ 1200	4	2	40	2	2.75	4	THT	
O			SHK-VBS-A3-S2	O			5	1000 ~ 1600	1000 ~ 1600	4	2	40	2	2.75	4	THT	
O			SHK-VBS3-SA&SC	O			5	1000 ~ 1600	1000 ~ 1600	2	3.6	40	2	1.75	3	THT	
O			SHK-VBS3-SE&SF	O			5	1000 ~ 1600	1000 ~ 1600	2	3.6	40	2	1.75	3	THT	
O			SHK-VBS5	O			5	100 ~ 900	100 ~ 900	4	4	100	3.5	1	3	THT	
O			SHK-VBS6-S2	O			5	100 ~ 1500	100 ~ 1500	4	4	40	2	2.25	3.25	THT	
O			SHK-VBS8	O			5	2000	2000	8	2.5	40	2	2.25	3.25	THT	
O			SHK-VBS-T3	O			5	545	1090	4	4	100	3.5	2	2.5	Clamping	
O			SHK-VBS-T3-S4	O			5	545	1090	4	4	100	3.5	2	2.5	Clamping	
O			SHK-VBS-T4	O			5	545	1090	4	4	120	3.5	2	2.5	Clamping	
O			SHK-VBS-T5-S2	O			5	300	300	4	4	40	2	2	3.5	Clamping	
O			SHK-VBS-T6	O			5	800 ~ 1200	800 ~ 1200	4	4	40	2	4.5	5.5	Clamping	
O			SHK-VBS-T6-S3	O			5	800 ~ 1200	800 ~ 1200	4	4	40	2	4.5	5.5	Clamping	
O			SHK-VBS-T6-S5	O			5	800 ~ 1200	800 ~ 1200	4	4	40	2	2	3.5	Clamping	
O			SHK-VBS-T6-S6	O			5	800 ~ 1200	800 ~ 1200	8	2.5	40	2	4.5	5.5	Clamping	
O			SHK-VBS-T7-S2	O			5	600 ~ 700	300 ~ 700	4	4	40	2 ~ 4	2	3.5	Clamping	
O			SHK-VBS-T8-S2	O			5	300 ~ 1200	300 ~ 1200	4	4	40	4	2	3.5	Clamping	
O			SHK-VBS-T8-S3	O			5	300 ~ 1200	300 ~ 1200	4	4	40	4	2	3.5	Clamping	
O			SHK-VBS-T8-S5	O			5	1000	1000	4	4	40	2	2	3.5	Clamping	
O			SHK-VBS-T8-S6	O			5	600	600	4	4	40	2	1.5	3.5	Clamping	
O			SHK-VBS-T8-S7	O			5	300 ~ 1200	300 ~ 1200	4	4	40	2	1.5	3	Clamping	
O			SHK-VBS-T8-S8	O			5	600 ~ 1100	600 ~ 1100	4	4	40	2	1.5	3	Clamping	
O			SHK-VBS-T9	O			5	600 ~ 1100	600 ~ 1100	4	4	40	2	NA	NA	Clamping	



Motor Controller / 电机控制器

Technology			Type	Out		Vcc (V)	I _{pn} (A)	I _{pm} (A)	UESD (kV)	Ud (kV)	BW (kHz)	t _r (μs)	X@IPN TA=25°C (%FS)	X_Trance (%FS)	Connction	Application
Open-loop	Closed-loop	Fluxgate		Voltage	Current											
O			SHK-VBS-TA-S2	O		5	600 ~ 700	600 ~ 700	8	2.5	40	2 ~ 4	1.5	3.75	Clamping	Motor Controller
O			SHK-VBS-TB-S2	O		5	250	250	8	2.5	40	2	3.15	0.75	Clamping	
O			SHK-VBS-TE-S2	O		5	100 ~ 200	100 ~ 200	4	1.5	40	4	1	2	Clamping	
O			SHK-VBS-TE-S5	O		5	800, 1200	800, 1200	2	2.5	40	2	2.75	1.5	Clamping	
O			SHK-VBS-TE-SA	O		5	1100	1100	2	2.5	40	2	2	3	Clamping	
O			SHK-VBS-TG	O		±15	50 ~ 200	150 ~ 600	2	2.5	60	7	3	3	Clamping	
O			SHK-VBS-TH-S2	O		5	660 ~ 1100	660 ~ 1100	2	2.5	40	2	1	3.5	Clamping	
O			SHK-VBS-TH-S3	O		5	900 ~ 1000	900 ~ 1000	8	2.8	40	2	1	3.5	Clamping	
O			SHK-VBS-TH-S5	O		5	700 ~ 900	700 ~ 900	8	2.8	40	2	1	3.5	Clamping	
O			SHK-VBS-TL-S2	O		5	800 ~ 1200	800 ~ 1200	8	2.8	40	2 ~ 4	2.75	3.5	Clamping	
O			SHK-VBS-TL-S3	O		5	1200	1200	8	2.8	40	2 ~ 4	2	3.5	Clamping	
O			SHK-VBS-TL-S8	O		5	800 ~ 1200	800 ~ 1200	8	2.8	40	2 ~ 4	1.75	3	Clamping	
O			SHK-VBS-TU-S2	O		5	600	600	8	2.5	40	2	1.5	3	Clamping	
O			SHK-VBS-TU-S3	O		5	1000	1000	8	2.5	40	2	2	3.5	Clamping	
O			SHK-VBS-TM-S2	O		5	600 ~ 1000	600 ~ 1000	8	2.8	40	2 ~ 4	4.5	5.5	Clamping	
O			SHK-VBS-TM-S3	O		5	600 ~ 1000	600 ~ 1000	8	2.8	40	2 ~ 4	4.5	5.5	Clamping	
O			SHK-VBS-TM-S5	O		5	900 ~ 1200	900 ~ 1200	8	2.8	40	2 ~ 4	2	3.5	Clamping	
O			SHK-VBS-TM-S6	O		5	900 ~ 1200	900 ~ 1200	8	2.8	40	2 ~ 4	2	3.5	Clamping	



SHK-VBS-TA-S2



SHK-VBS-TB-S2



SHK-VBS-TE-S2



SHK-VBS-TE-S5



SHK-VBS-TE-SA



SHK-VBS/TG



SHK-VBS-TH-S2



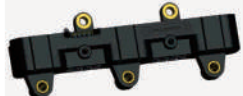
SHK-VBS-TH-S3



SHK-VBS-TH-S5



SHK-VBS-TL-S2



SHK-VBS-TL-S3



SHK-VBS-TL-S8



SHK-VBS-TU-S2



SHK-VBS-TU-S3



SHK-VBS-TM-S2



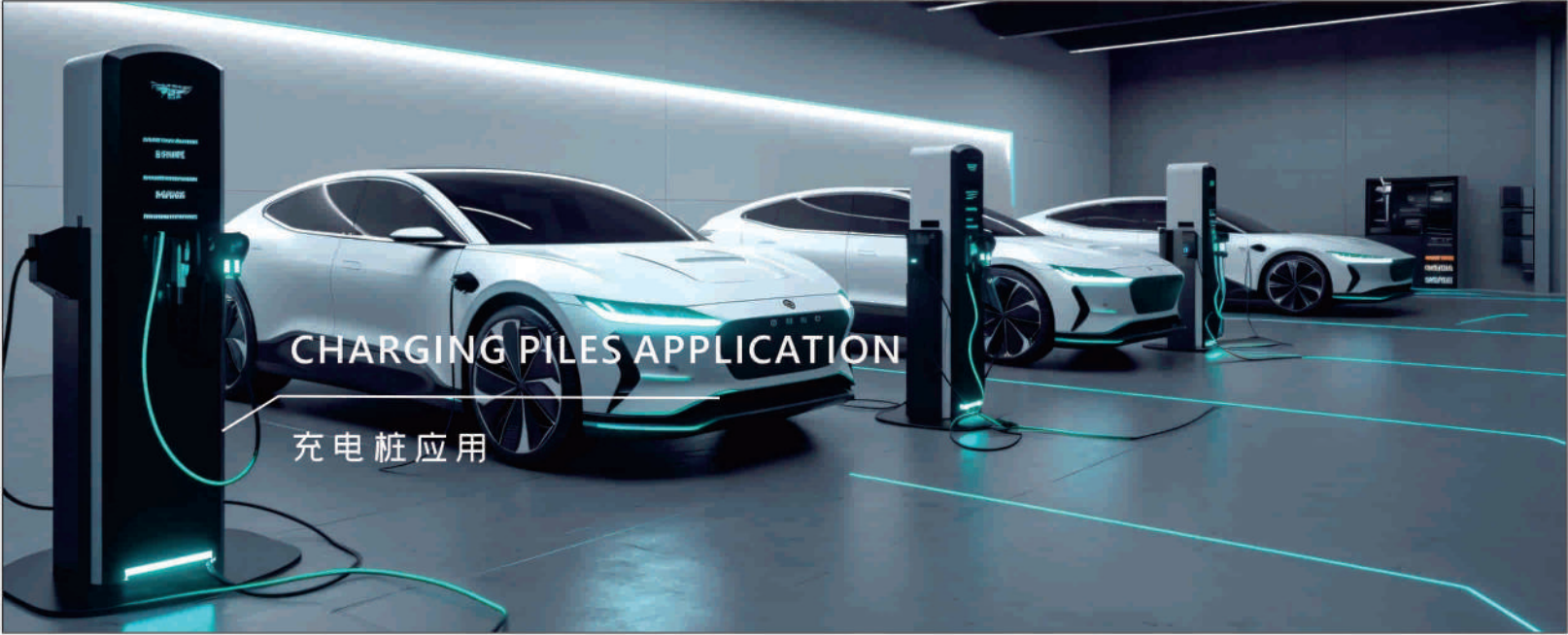
SHK-VBS-TM-S3



SHK-VBS-TM-S5



SHK-VBS-TM-S6



充电桩用数字式漏电流传感器系列

Residual Current Detection Sensor



产品系列	产品图	原边连接方式	电流线数量	产品型号	测量范围 (A)	剩余电流规格	标准
Series	Structure	Pri. Style	Number of Pri.	Item No.	Measuring range(A)	Nominal differential current	Standard
SFG-CPL/A		Primary conductor 带电流线	4	SFG-0.3CPL/A	0.3	6mA DC 30mA AC	IEC 62752 IEC62955
				SFG-0.3CPL/A-B	0.3	5mA AC	UL2231 CCID5
				SFG-0.3CPL/A-C	0.3	20mA AC	UL2231 CCID20
SFG-CPL/A2		Pass through opening 穿心 (开口)	-	SFG-0.3CPL/A2	0.3	6mA DC 30mA AC	IEC 62752 IEC62955
				SFG-0.3CPL/A2-A	0.3	6mA DC	IEC 62955
				SFG-0.3CPL/A2-C	0.3	20mA AC	UL2231 CCID20
SFG-CPL/A3		Pass through opening 穿心 (开口)	-	SFG-0.3CPL/A3	0.3	6mA DC 30mA AC	IEC 62752 IEC62955
				SFG-0.3CPL/A3-C	0.3	20mA AC	UL2231 CCID20
SFG-CPL/A4		Primary conductor 带电流线	2	SFG-0.3CPL/A4	0.3	6mA DC 30mA AC	IEC 62752 IEC62955
SFG-CPL/A4S		Primary conductor 带电流线	2	SFG-0.3CPL/A4S	0.3	6mA DC 30mA AC	IEC 62752 IEC62955
				SFG-0.3CPL/A4S-F	0.3	30mA AC	国标A型
SFG-CPL/A5		Pass through opening 穿心 (开口)	-	SFG-0.3CPL/A5	0.3	6mA DC 30mA AC	IEC 62752 IEC62955
				SFG-0.3CPL/A5-C	0.3	20mA AC	UL2231 CCID20
SFG-CPL/A6		Pass through opening 穿心 (开口)	-	SFG-0.3CPL/A6	0.3	6mA DC 30mA AC	IEC 62752 IEC62955

产品系列	产品图	原边连接方式	电流线数量	产品型号	测量范围(A)	剩余电流规格	标准
Series	Structure	Pri. Style	Number of Pri.	Item No.	Measuring range(A)	Nominal differential	Standard
SFG-CPL/A7		Primary conductor 带电流线	4	SFG-0.3CPL/A7	0.3	6mA DC 30mA AC	IEC 62752 IEC62955
SFG-CPL/A8		Primary conductor 带电流线	2	SFG-0.3CPL/A8	0.3	6mA DC 30mA AC	IEC 62752 IEC62955
				SFG-0.3CPL/A8-C	0.3	20mA AC	UL2231 CCID20
SFG-CPL/A8S		Primary conductor 带电流线	2	SFG-0.3CPL/A8	0.3	6mA DC 30mA AC	IEC 62752 IEC62955
				SFG-0.3CPL/A8S-C	0.3	20mA AC	UL2231 CCID20
				SFG-0.3CPL/A8S-B	0.3	5mA AC	UL2231 CCID5
				SFG-0.3CPL/A8S-C	0.3	20mA AC	UL2231 CCID20
SFG-CPL/A9		Primary conductor 带电流线	2	SFG-0.3CPL/A9	0.3	6mA DC 30mA AC	IEC 62752 IEC62955
SFG-CPL/A10		Primary conductor 带电流线	2	SFG-0.3CPL/A10	0.3	6mA DC 30mA AC	IEC 62752 IEC62955
SFG-CPL/A11		Primary conductor 带电流线	2+单路AC	SFG-0.3CPL/A11	0.3	6mA DC 30mA AC	IEC 62752 IEC62955
SFG-CPL/A15		Pass through opening 穿心（开口）	-	SFG-0.3CPL/A15	0.3	6mA DC 30mA AC	IEC 62752 IEC62955
SFG-CPL/B		Primary conductor 带电流线	4	SFG-0.3CPL/B	0.3	6mA DC 30mA AC	IEC 62752 IEC62955
				SFG-0.3CPL/B-A	0.3	6mA DC 20mA AC	IEC62752 UL2231 CCID20
				SFG-0.3CPL/B-B	0.3	5mA AC 20mA AC	UL2231 CCID5 UL2231 CCID20
				SFG-0.3CPL/B-D	0.3	6mA DC	IEC62955
SFG-CPL/B1		Pass through opening 穿心（开口）	-	SFG-0.3CPL/B1	0.3	6mA DC 30mA AC	IEC 62752 IEC62955
				SFG-0.3CPL/B1-C	0.3	20mA AC 20mA AC	UL2231 CCID20
SFG-CPL/B2		Pass through opening 穿心（开口）	-	SFG-0.3CPL/B2	0.3	6mA DC 30mA AC	IEC 62752 IEC62955
				SFG-0.3CPL/B2-C	0.3	6mA DC 30mA AC	UL2231 CCID20

充电桩电源模块用电流传感器系列

Current Sensor for Charging Pile Power Module

Current Sensors for Charging Piles

Applied Current Sensor			Applied Current Sensor		
PN-01	STB-CAS		PN-01	STB-CAS/F	
PN-02	STB-CAS/R		PN-02	STB-CAS/R/F	
PN-03	STB-CAS/K		PN-03	STB-CAS/K/F	
V _{cc}	5.0	V	V _{cc}	10 ~ 180	V
I _{pn}	15 ~ 75	A	I _{pn}	6 ~ 75	A
I _{pm}	51 ~ 220	A	I _{pm}	20 ~ 220	A
F _{band}	400	KHZ	F _{band}	400	KHZ
t _r	0.3	μs	t _r	0.3	μs
Acc.	1.1 ~ 3.0	%FS	Acc.	1.1 ~ 3.0	%FS

Applied Current Sensor			Applied Current Sensor		
PN-01	STK-616A , STK-616H		PN-01	STK-HD/P , STK-HD/P/G	
PN-02	STK-616K , STK-616T		PN-02	STK-HD/K, STK-HD/K/G	
PN-03	STK-616TBF2		PN-03		
Vcc	3.3 or 5.0	V	Vcc	3.3 or 5.0	V
I _{pn}	10~300	A	I _{pn}	5.0 ~ 50	A
I _{pm}	10~300	A	I _{pm}	10 ~ 125	A
F _{band}	500 ~ 1500	kHZ	F _{band}	600 ~ 1000	kHZ
t _r	0.2 ~ 0.9	μs	t _r	1.0	μs
Acc.	3.0 ~ 3.5	%FS	Acc.	1.5 ~ 3.0	%FS

Applied Current Sensor			Applied Current Sensor		
PN-01	STK-PL/A	STK-PL/Z	PN-01	STK-HO	
PN-02	STK-PL/M		PN-02		
PN-03	STK-PL/AG		PN-03		
Vcc	5.0	V	Vcc	5.0	V
I _{pn}	10 ~ 180	A	I _{pn}	60 ~ 150	A
I _{pm}	25 ~ 450	A	I _{pm}	150 ~ 375	A
F _{band}	300 ~ 1000	kHZ	F _{band}	200	kHZ
t _r	0.2~1.5	μs	t _r	2.0	μs
Acc.	2.0	%FS	Acc.	3.0	%FS

 Current Sensors for Charging Piles

Applied Current Sensor			Applied Current Sensor		
PN-01	STK-600/M-MPFF&MPSF		PN-01	STK-600/F	
PN-02	STK-600/M-PFF&PSF&PSS		PN-02		
PN-03			PN-03		
Vcc	3.3 or 5.0	V	Vcc	5.0	V
I _{pn}	50, 100	A	I _{pn}	50	A
I _{pm}	50 ~ 400	A	I _{pm}	200 ~ 400	A
F _{band}	120	kHz	F _{band}	1000	kHz
t _r	4.6	μs	t _r	0.4	μs
Acc.	3.5	%FS	Acc.	3.5	%FS

