

No	Product Series	Technology	Power Supply Voltage VC(V)	Rated Input I _{pn} (A)	Measuring Range I _p (A)	Rated Output V _{out} /I _{out} @ I _{pn}	Accuracy X@I _{pn} TA=25 °C/%	Frequency F KHz	Operating temperature	Connection	Dimensions (MM)
1	TKC-BS	O/L	±15	50...600	150...900	±4V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
2	TKC-BR	O/L	±15	50...600	150...900	±4V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
3	TKC-BAS	O/L	±15	50...600	150...900	±4V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
4	TKC-BAR	O/L	±15	50...600	150...900	±4V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
5	TKC-BXS	O/L	±15	50...600	150...900	±4V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
6	TKC-BXR	O/L	±15	50...600	150...900	±4V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
7	TKC-BSN	O/L	±15	50...600	150...900	±4V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
8	TKC-BS1	O/L	±15	50...600	150...900	±4V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
9	TKC-BS2	O/L	±15	50...600	150...900	±4V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
10	TKC-BSW/BSW2	O/L	±15	50...600	150...900	±4V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5



No	Product Series	Technology	Power Supply Voltage $V_c(V)$	Rated Input $I_{pn}(A)$	Measuring Range $I_p(A)$	Rated Output V_{out}/I_{out} @ I_{pn}	Accuracy $X@I_{pn}$ TA=25 °C/%	Frequency F KHz	Operating temperature	Connection	Dimensions (MM)
11	TKC-BSW1	O/L	±15	50...600	150...900	±4V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
12	TKC-BP1	O/L	±15	50...600	150...900	±4V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
13	TKC-BP2	O/L	±15	50...600	150...900	±4V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
14	TKC-BS2A4	O/L	±15	50...600	150...900	±4V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
15	TKC-BS2A	O/L	±15	50...600	100...900	±5V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
16	TKC-NA1540	O/L	+15	40...200	600...900	±40MV	1	DC-25(-3dB)	-40...+105	Aperture	20×15
17	TKC-N	O/L	±15	100...600	300...1000	±4V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×15.5
18	TKC-NR	O/L	±15	100...600	300...1000	±4V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×15.5
19	TKC-F	O/L	±15	100...2000	200...4000	±4V	1	DC-25(-3dB)	-40...+105	Aperture	41×12
20	TKC-FR	O/L	±15	100...2000	200...4000	±4V	1	DC-25(-3dB)	-40...+105	Aperture	41×12



No	Product Series	Technology	Power Supply Voltage VC(V)	Rated Input $I_{pn}(A)$	Measuring Range $I_p(A)$	Rated Output V_{out}/I_{out} @ I_{pn}	Accuracy $X@I_{pn}$ TA=25 °C/%	Frequency F KHz	Operating temperature	Connection	Dimensions (MM)
21	TKC-F51	O/L	±15	100...2000	200...4000	2.5±1V	1	DC-25(-3dB)	-40...+105	Aperture	41×12
22	TKC-FA	O/L	±15	100...2000	200...4000	±4V	1	DC-25(-3dB)	-40...+105	Aperture	40×20
23	TKC-HAT	O/L	±15	200...1500	600...3000	±4V	1	DC-25(-3dB)	-40...+105	Aperture	40.5×30.5
24	TKC-HAX	O/L	±15	500...5000	1500...10000	±4V	1	DC-25(-3dB)	-40...+105	Aperture	64×21
25	TKC-HAX128	O/L	+12	500...2500	750...3750	12±8mA	1	DC-25(-3dB)	-40...+105	Aperture	64×21
26	TKC-HAX248	O/L	+24	500...2500	750...3750	12±8mA	1	DC-25(-3dB)	-40...+105	Aperture	64×21
27	TKC-HB	O/L	±15	1000...20000	2000...30000	±4V	1	DC-25(-3dB)	-40...+105	Aperture	140×50
28	TKC-E	O/L	±15	50...500	150...1000	±4V	1	DC-25(-3dB)	-40...+105	Aperture	Ø20.5
29	TKC-EA	O/L	±15	200...2000	400...3000	±4V	1	DC-25(-3dB)	-40...+105	Aperture	Ø40.5



No	Product Series	Technology	Power Supply Voltage VC(V)	Rated Input $I_{pn}(A)$	Measuring Range $I_p(A)$	Rated Output V_{out}/I_{out} @ I_{pn}	Accuracy $X@I_{pn}$ TA=25 °C/%	Frequency F KHz	Operating temperature	Connection	Dimensions (MM)
30	TKC-LB	O/L	±15	50...300	150...450	±4V	1	DC-25(-3dB)	-40...+105	Aperture	Ø 16
31	TKC-PZ	O/L	±15	50...800	150...1000	±4V	1	DC-25(-3dB)	-40...+105	Aperture	20×10
32	TKC-PT3	O/L	±15	50...200	150...600	±4V	1.5	DC-25(-3dB)	-40...+105	Aperture	12×10
33	TKC-TG3	O/L	±15	50...200	150...600	±4V	1.5	DC-25(-3dB)	-40...+105	Aperture	12×9.5
34	TKC-GT	O/L	±15	500...5000	1000...10000	±4V	2	DC-25(-3dB)	-40...+105	Aperture	104×34
35	TKC-GT1540	O/L	+15	750	4800	40MV	2	DC-25(-3dB)	-40...+105	Aperture	104×34
36	TKC-GTS1540	O/L	+15	250/470	2200/2700	40MV	2	DC-25(-3dB)	-40...+105	Aperture	40×20
37	TKC-BSF5	O/L	+5	50...600	100...900	2.5±1V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
38	TKC-BSF565	O/L	+5	50...600	150...900	2.5±0.625V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
39	TKC-BSF52	O/L	+5	50...600	55...660	2.5±2V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5



No	Product Series	Technology	Power Supply Voltage VC(V)	Rated Input $I_{pn}(A)$	Measuring Range $I_p(A)$	Rated Output V_{out}/I_{out} @ I_{pn}	Accuracy $X@I_{pn}$ TA=25 °C/%	Frequency F KHz	Operating temperature	Connection	Dimensions (MM)
40	TKC-BRF5	O/L	+5	50...600	100...900	2.5±1V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
41	TKC-BRF565	O/L	+5	50...600	150...900	2.5±0.625V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
42	TKC-BRF52	O/L	+5	50...600	55...660	2.5±2V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
43	TKC-BSFR5	O/L	+5	50...600	100...900	2.5±1V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
44	TKC-BSFR565	O/L	+5	50...600	150...900	2.5±0.625V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
45	TKC-BSFR52	O/L	+5	50...600	55...660	2.5±2V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
46	TKC-BRFR5	O/L	+5	50...600	100...900	2.5±1V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
47	TKC-BRFR565	O/L	+5	50...600	150...900	2.5±0.625V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
48	TKC-BRFR52	O/L	+5	50...600	55...660	2.5±2V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5

40 41 42 46 47 48



43 44 45



No	Product Series	Technology	Power Supply Voltage VC(V)	Rated Input I _p (A)	Measuring Range I _p (A)	Rated Output V _{out} /I _{out} @I _{pn}	Accuracy X@I _{pn} TA=25 °C/%	Frequency F KHz	Operating temperature	Connection	Dimensions (MM)
49	TKC-BSF12	O/L	+12	50...600	100...900	2.5±1V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
50	TKC-BSF122	O/L	+12	50...600	55...660	2.5±2V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
51	TKC-BRF12	O/L	+12	50...600	100...900	2.5±1V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
52	TKC-BRF122	O/L	+12	50...600	55...660	2.5±2V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
53	TKC-BSFR12	O/L	+12	50...600	100...900	2.5±1V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
54	TKC-BSFR122	O/L	+12	50...600	55...660	2.5±2V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
55	TKC-BRFR12	O/L	+12	50...600	100...900	2.5±1V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5
56	TKC-BRFR122	O/L	+12	50...600	55...660	2.5±2V	1	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5

49 50 53 54



51 52 55 56



No	Product Series	Technology	Power Supply Voltage VC(V)	Rated Input I _{pn} (A)	Measuring Range I _p (A)	Rated Output V _{out} /I _{out} @I _{pn}	Accuracy X@I _{pn} TA=25 °C/%	Frequency F KHz	Operating temperature	Connection	Dimensions (MM)
57	TKC-EKA	O/L	±15	50...500	100...1000	±4V	1	DC-25(-3dB)	-40...+105	Aperture Detachable	Ø21
58	TKC-EKA51	O/L	+5	30...500	60...1000	2.5±1V	1	DC-25(-3dB)	-40...+105	Aperture Detachable	Ø21
59	TKC-EKA52	O/L	+5	50...500	55...550	2.5±2V	1	DC-25(-3dB)	-40...+105	Aperture Detachable	Ø21
60	TKC-EKA565	O/L	+5	50...500	150...1000	2.5±0.625V	1	DC-25(-3dB)	-40...+105	Aperture Detachable	Ø21
61	TKC-EKA242	O/L	+24	50...500	55...550	2.5±2V	1	DC-25(-3dB)	-40...+105	Aperture Detachable	Ø21
62	TKC-EKA420/12	O/L	+12	50...500	100...1000	4~20mA	1	DC-25(-3dB)	-40...+105	Aperture Detachable	Ø21
63	TKC-EKA420/24	O/L	+24	50...500	100...1000	4~20mA	1	DC-25(-3dB)	-40...+105	Aperture Detachable	Ø21
64	TKC-EKAA128	O/L	+12	20...500	25...600	12±8mA	1	DC-25(-3dB)	-40...+105	Aperture Detachable	Ø21
65	TKC-EKAA248	O/L	+24	20...500	25...600	12±8mA	1	DC-25(-3dB)	-40...+105	Aperture Detachable	Ø21
66	TKC-EKAA1210	O/L	+12	50...500	100...1000	10±10mA	1	DC-25(-3dB)	-40...+105	Aperture Detachable	Ø21
67	TKC-EKAA2410	O/L	+24	50...500	100...1000	10±10mA	1	DC-25(-3dB)	-40...+105	Aperture Detachable	Ø21
68	TKC-EKB	O/L	±15	200...2000	400...4000	±4V	1	DC-25(-3dB)	-40...+105	Aperture Detachable	Ø40.5



No	Product Series	Technology	Power Supply Voltage VC(V)	Rated Input I _{pn} (A)	Measuring Range I _p (A)	Rated Output V _{out} /I _{out} @I _{pn}	Accuracy X@I _{pn} TA=25 °C/%	Frequency F KHz	Operating temperature	Connection	Dimensions (MM)
69	TKC-EKB51	O/L	+5	100...2000	200...3000	2.5±1V	1	DC-25(-3dB)	-40...+105	Aperture Detachable	Ø40.5
70	TKC-EKB52	O/L	+5	100...2000	110...2200	2.5±2V	1	DC-25(-3dB)	-40...+105	Aperture Detachable	Ø40.5
71	TKC-EKB420/12	O/L	+12	100...2000	200...3000	4~20mA	1	DC-25(-3dB)	-40...+105	Aperture Detachable	Ø40.5
72	TKC-EKB420/24	O/L	+24	100...2000	200...3000	4~20mA	1	DC-25(-3dB)	-40...+105	Aperture Detachable	Ø40.5
73	TKC-EKB128	O/L	+12	100...2000	150...3000	12±8mA	1	DC-25(-3dB)	-40...+105	Aperture Detachable	Ø40.5
74	TKC-EKB248	O/L	+24	100...2000	150...3000	12±8mA	1	DC-25(-3dB)	-40...+105	Aperture Detachable	Ø40.5
75	TKC-K	O/L	±15	400...3000	800...4500	±4V	1	DC-25(-3dB)	-40...+105	Aperture Detachable	64×16
76	TKC-H	O/L	±15	600...3000	1200...4500	±4V	1	DC-25(-3dB)	-40...+105	Aperture Detachable	85×27
77	TKC-KA420/12V	O/L	+12	400...2000	800...3000	4~20mA	1	DC-25(-3dB)	-40...+105	Aperture Detachable	64×16
78	TKC-KA420/24V	O/L	+24	400...2000	800...3000	4~20mA	1	DC-25(-3dB)	-40...+105	Aperture Detachable	64×16
79	TKC-KAA128	O/L	+12	80...2000	160...3000	12±8mA	1	DC-25(-3dB)	-40...+105	Aperture Detachable	64×16
80	TKC-KAA248	O/L	+24	80...2000	160...3000	12±8mA	1	DC-25(-3dB)	-40...+105	Aperture Detachable	64×16

(69) (74)



(75)



(76)



(77) (78) (79) (80)



No	Product Series	Technology	Power Supply Voltage VC(V)	Rated Input I _{pn} (A)	Measuring Range I _p (A)	Rated Output V _{out} /I _{out} @I _{pn}	Accuracy X@I _{pn} TA=25 °C/%	Frequency F KHz	Operating temperature	Connection	Dimensions (MM)
81	TKC-LSR508-1/2	O/L	+5	6...60 60...120	15...150 150...300	2.5V±0.8V	1	DC-20(-3dB)	-40...+105	PCB	
82	TKC-DT51	O/L	+5	25...75	50...150	1/2VCC±1V	1	DC-25(-3dB)	-40...+105	Aperture	Ø 8.5
83	TKC-DT52	O/L	5	15...100	16.5...110	1/2VCC±1V	1	DC-25(-3dB)	-40...+105	Aperture	Ø 8.5
84	TKC-HC5F	O/L	+5	100...1000	110...1100	1/2VCC±2V	1	DC-20(-3dB)	-40...+125	Aperture	Ø13
85	TKC-TF512	O/L	+5	50...800	75...1200	1/2VCC ±1.25V	1	DC-20(-3dB)	-40...+105	Aperture	Ø22
86	TKC-BHS52	O/L	+5	50...1200	55...1320	1/2VCC±2V	1	DC-20(-3dB)	-40...+105	Aperture	20.5×6.5
87	TKC-ASA52	O/L	+5	100...1000	110...1100	1/2VCC±2V	1	DC-20(-3dB)	-40...+125	Aperture	22×6



Open-loop high accuracy series hall effect current sensor

No	Product Series	Technology	Power Supply Voltage VC(V)	Rated Input I _{pn} (A)	Measuring Range I _p (A)	Rated Output V _{out} /I _{out} @I _{pn}	Accuracy X@I _{pn} TA=25 °C/%	Frequency F KHz	Operating temperature	Connection	Dimensions (MM)
88	TKC-LTH	O/L	±15	50...500	150...1000	±4V	0.2	DC-25(-3dB)	-40...+105	Aperture	Ø 20.2
89	TKC-DHC	O/L	±15	100...1000	300...1500	±4V	0.5	DC-50(-3dB)	-40...+105	Aperture	Ø32
90	TKC-DHR420	O/L	+24	100...1000	300...1500	4~20mA	0.5	DC-50(-3dB)	-40...+105	Aperture	Ø32

Switch-type hall effect current sensor

No	Product Series	Technology	Power Supply Voltage VC(V)	Rated Input I _{pn} (A)	Measuring Range I _p (A)	Rated Output V _{out} /I _{out} @I _{pn}	Accuracy X@I _{pn} TA=25 °C/%	Frequency F KHz	Operating temperature	Connection	Dimensions (MM)
91	TKC-BRK12	O/L	+12	10...500	(10-500)±10%	V _c -0.5	10%	DC-25(-3dB)	-40...+105	Aperture	20.5×10.5

