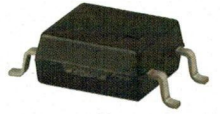




宜技科技有限公司

IC-HI TECHNOLOGY CO., LTD.

OPTO MOSFET OUTPUT PHOTO-RELAY SELECTION GUIDE



光電繼電器選購指南

SINCE 1993

APPLICATIONS

- 蓄電系統 (充放電力, 絕緣檢測, 電池監控)
- 智慧電錶 (主要繼電器驅動, 數據通信設備)
- 自動檢針 (測量儀器, 醫療儀器)
- 工業控制 (工廠自動化, 工業電腦, OA設備)
- 一般應用 (掃描器應用, 防範/防災機具, 通信設備)

Add 23585 新北市中和區建一路 177 號 7 樓

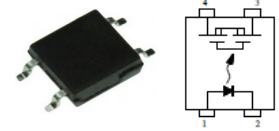
Web <http://ichitech.com.tw>

Tel 02-2222-9677

Mail Sales@ichitech.com.tw

SOP 4

Isolation V: 1500 VAC

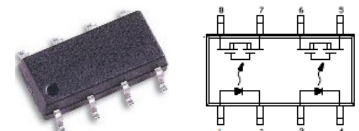


ichitech	Contact	Load Voltage (V)	Load Current (mA)	On Resistance (Typ. Ω)	Capacitance (Typ. pF)	Leakage Current (Max. nA)	Turn-On / Off Time (ms)
HY311GS	1a	20	1700	0.5	500	500	1.5 / 0.1
HY311DGS	1a	20 (DC Only)	5000	0.2	500	500	0.5 / 0.03
HY311G2S	1a	40	2500	0.06	150	500	0.8 / 0.02
HY311DG2S	1a	40 (DC Only)	3500	0.05	240	100	0.4 / 0.03
HY311G3S	1a	40	3000	0.033	240	500	1.5 / 0.02
HY321N3S	1a	40	200	1.5 (Low C*R)	5	10	0.03 / 0.1
HY312FS	1a	60	120	5	25	500	0.05 / 0.03
HY312ES	1a	60	200	2	12	500	0.15 / 0.05
HY322RS	1a	60	500	0.8 (Low C*R)	28	10	0.25 / 0.02
HY312S	1a	60	500	0.8	28	500	0.35 / 0.1
HY312GS	1a	60	800	0.3	115	500	1.0 / 0.6
HY312G2S	1a	60	1300	0.13	115	500	1.0 / 0.6
HY352GS	1a	60	2500	0.06	150	500	1.5 / 0.1
HY321N2S	1a	60	120	4.5	5(Low C)	500	0.05 / 0.03
*HY312EHTS	1a	60	200	2	12	500	0.15 / 0.05
*HY312HTS	1a	60	350	0.13	115	500	1.0 / 0.6
HY325NS	1a	80	80	35	3 (Low C*R)	10	0.03 / 0.05
HY325N1S	1a	80	80	20	6(Low C)	500	0.03 / 0.05
HY315GS	1a	100	400	2	22	500	0.3 / 0.05
HY315G2S	1a	100	1250	0.13	115	500	1.0 / 0.06
HY317S	1a	200	180	5	115	500	0.4 / 0.05
HY313S	1a	250	150	9	45	500	0.3 / 0.1
HY310S	1a	350	120	22	41	500	0.3 / 0.05
HY310GS	1a	350	250	12	150	500	0.6 / 0.03
HY314S	1a	400	100	20	45	500	0.23 / 0.03
HY314GS	1a	400	120	20	45	500	0.23 / 0.03
HY314G2S	1a	400	250	8	85	500	0.6 / 0.03
HY316S	1a	600	80	35	115	500	0.3 / 0.02
HY512S	1b	60	500	0.8	165	1000	0.5 / 0.25
HY514S	1b	400	120	20	165	10000	0.5 / 0.02

* = Operating Temperature 105°C

SOP 8

Isolation V: 1500 VAC



ichitech	Contact	Load Voltage (V)	Load Current (mA)	On Resistance (Typ. Ω)	Capacitance (Typ. pF)	Leakage Current (Max. nA)	Turn-On / Off Time (ms)
HW311G2S	2a	40	2500	0.06	150	100	0.8 / 0.02
HW312GS	2a	60	800	0.3	115	1000	1.0 / 0.6
HW312G2S	2a	60	1100	0.13	115	1000	1.0 / 0.6
HW322RS	2a	60	400	0.8 (Low C*R)	28	10	0.25 / 0.02
HW315G2S	2a	100	1100	0.13	115	1000	1.0 / 0.06
HW317S	2a	200	180	5	115	1000	0.4 / 0.05
HW310FS	2a	350	120	17	41	10	0.06 / 0.05
HW314S	2a	400	100	20	45	1000	0.23 / 0.03
HW316S	2a	600	80	35	115	1000	0.3 / 0.02
HW512S	2b	60	400	0.8	165	1000	0.5 / 0.25
HW514S	2b	400	120	20	165	10000	0.5 / 0.02
HW712S	1a + 1b	60	400	NO: 1 ; NC: 1	165	10000	NO:0.23 / 0.03 NC:0.02 / 0.5
HW714S	1a + 1b	400	120	20	165	10000	NO:0.23 / 0.03 NC:0.02 / 0.5

SMD / DIP 6

Isolation V: 3750 VAC



ichitech	Contact	Load Voltage (V)	Load Current (mA)	On Resistance (Typ. Ω)	Capacitance (Typ. pF)	Leakage Current (Max. nA)	Turn-On / Off Time (ms)
HV311G2(A)	1a	40	3000	0.06	100	1000	1.0 / 0.02
HV311G3(A)	1a	40	3500	0.043	690	1000	1.5 / 0.05
HV311G4(A)	1a	40	4500	0.033	690	1000	5.0 / 2.0
*HV312HT	1a	60	500	0.17	300	10000	1.2 / 0.05
HV352G(A)	1a	60	2500	0.1	165	1000	2.0 / .01
HV315G2(A)	1a	100	2000	0.15	115	1000	1.0 / 0.35
HV355G4(A)	1a	100	4500	0.033	1000	1000	1.0 / 0.03
HV314(A)	1a	400	120	20	110	1000	0.23 / 0.05
HV316(A)	1a	600	80	35	100	1000	0.5 / 0.02
HV358(A)	1a	1500	20	380	35	10000	0.1 / 0.06
HV512(A)	1b	60	500	1	165	1000	0.2 / 0.5
HV514(A)	1b	400	120	20	165	10000	0.02 / 0.5

* = Operating Temperature 105°C

SMD / DIP 8

Isolation V: 3750 VAC



ichitech	Contact	Load Voltage (V)	Load Current (mA)	On Resistance (Typ. Ω)	Capacitance (Typ. pF)	Leakage Current (Max. nA)	Turn-On / Off Time (ms)
HW311G2(A)	2a	40	2500	0.06	190	1000	0.8 / 0.02
HW312G2(A)	2a	60	1100	0.27	115	1000	1.5 / 0.05
HW315(A)	2a	100	400	2	22	1000	0.3 / 0.05
HW314(A)	2a	400	130	20	110	1000	0.23 / 0.03
HW316(A)	2a	600	80	35	100	1000	0.5 / 0.02
HW512(A)	2b	60	400	1	165	1000	0.5 / 0.25
HW514(A)	2b	400	120	20	165	10000	0.02 / 0.5
HW712(A)	1a + 1b	60	400	NO: 1 ; NC: 6	150	10000	NO:0.23 / 0.03 NC:0.2 / 0.5
HW714(A)	1a + 1b	400	120	NO: 20 ; NC: 20	150	NO: 1000 ; NC: 10000	NO:0.23 / 0.03 NC:0.2 / 0.5

<u>H</u>	<u>Y</u>	<u>3</u>	<u>1</u>	<u>1</u>	<u>G</u>	<u>S</u>
Y : 1-CH (4pin) V : 1-CH (6pin) W : 2-CH (8pin)	"3" 1FormA(AC/DC) 2FormA(AC/DC) "5" 1FormB(AC/DC) 2FormB(AC/DC) "7" 1FormA & 1FormB (AC/DC)	1: General type 2: RF type (New)	0: 350V 1: 20 to 40V 2: 50 to 60V 3: 250V 4: 400V 5: 80V to 100V 6: 600V 7: 200V 9: 1000V	Blank: Standard DG: DC only E: Economical G: Highcapacity N: Low C R: Low R HT: OT +105°C F: Fast switch	Blank: DIP (through hole) A: SMD (Surface mount) S: SOP V: SSOP (New)	

