

TYPE NO.	FEATURES	ABSOLUTE MAXIMUM RATINGS (Ta=25 °C)				CHARACTERISTICS (Ta=25 °C)				Outline
		If(mA)	Ic(mA)	BV(VAC)	Topt(°C)	Vf(V) (If=10 mA)	ICEO(nA) (VCE=10 V If=0)	CTR(%) (If=10 mA VCE=5 V)	VCE(sat)(V) (Ic=2 mA)	
PS2015	High input current	150	80	4 K	-30~ +100	~1.7 (If=100 mA)	~100 (VCE=40 V)	20~ (If=100 mA VCE=0.4 V)	~0.3 (Ic=4 mA)	Fig. C-3
* PS2018	Industrial use	80	80	4 K	-30~ +100	~1.4	~100 (VCE=40 V)	50 ~ (If=5 mA)	~0.3	Fig. C-3
* PS2021	General purpose	80	100	4 K	-55~ +100	~1.4	~50	50 ~	~0.3	Fig. C-3
* PS2022	General purpose	80	100	4 K	-55~ +100	~1.4	~100	200~	~1.0	Fig. C-3
PS2023	General purpose	80	100	4 K	-55~ +100	1.4	50	50~	~0.3	Fig. C-3
PS2401A -1~4	Industrial use	80	80	5 K	-55~ +100	~1.4	~100 (VCE=40 V)	80~ (If=5 mA)	~0.3	Fig. C-7

* UL recognized

SCR PHOTO COUPLER

TYPE NO.	FEATURES	ABSOLUTE MAXIMUM RATINGS (Ta=25 °C)				CHARACTERISTICS (Ta=25 °C)				Outline
		VDRM (V)	IT (mA)	BV (V)	Topt(°C)	Vf(V) (If=20 mA)	IDRM(μA) Rgk=27 KΩ Ta=100 °C	VTM(V) (IT=300 mA)	IFT(mA) Vp=6 V Rgk=27 KΩ	
* PS3001	SCR photo coupler	200	300	2.5 KVDC	-20~ +100	~1.4	~10	~1.3	~12	Fig. C-4
* PS3002		400								

* UL recognized

HIGH SPEED PHOTO COUPLER

TYPE NO.	FEATURES	ABSOLUTE MAXIMUM RATINGS (Ta=25 °C)				CHARACTERISTICS (Ta=25 °C)				Outline
		If(mA)	Ic(mA)	BV(VDC)	Topt(°C)	Vf(V) (If=16 mA)	IOH(nA) Vc=5.5 V If=0	CTR(%)	VCE(sat)(V)	
* PS2006B	tr, tf ≈ 300ns	25	8	2.5 K	-55~ +100	1.43	~500	15~	~0.4	Fig. C-5
* PS2016B										

* UL recognized

ULTRA HIGH SPEED PHOTO COUPLER

TYPE NO.	FEATURES	ABSOLUTE MAXIMUM RATINGS (Ta=25 °C)				CHARACTERISTICS (Ta=25 °C)				Outline
		If(mA)	Ic(mA)	BV(VDC)	Topt(°C)	Vf TYP.(V) (If=10 mA)	VOL(V)	IOH(μA)	CTR(%)	
* PS2007B	tPLH, tPHL = 50 ns	10	50	2.5 K	0~70	1.41	~0.6	~250	600	Fig. C-6

* UL recognized

