

		Phototransistor Output; GaAs AC Input											
		Part Number	CTR @ $\pm 10\text{mA } I_F(\%)$		BV_{CEO} (V)	BV_{CBO} (V)	t_{ON}/t_{OFF} (μs)	V_{ISO} AC[RMS]	Pkg Outline		Agency Approvals		
			min	max	min	min	max		QT	MOT	Standard	VDE 0884	
H11AA1	20	-	30	70	-	5.3kV	K	J	A,B,D,F,N,S,T,U	.300	V		
H11AA2	10	-	30	70	-	5.3kV	K	J	A,B,D,F,N,S,T,U	.300	V		
H11AA3	50	-	30	70	-	5.3kV	K	J	A,B,D,F,N,S,T,U	.300	V		
H11AA4	100	-	30	70	-	5.3kV	K	J	A,B,D,F,N,S,T,U	.300	V		

		Phototransistor Output; GaAs AC Input (No base connection) (4-Pin)											
		Part Number	CTR @ $\pm 1\text{mA } I_F(\%)$		BV_{CEO} (V)	BV_{CBO} (V)	t_{ON}/t_{OFF} (μs)	V_{ISO} AC[RMS]	Pkg Outline		Agency Approvals		
			min	max	min	min	max		QT	MOT	Standard	VDE 0884	
H11AA814	20	300	35	6	18	5.3kV	G	N/A	A,B,D,F,N,S,U	.300	N/A		
H11AA814A	50	300	35	6	18	5.3kV	G	N/A	A,B,D,F,N,S,U	.300	N/A		

		Logic Output; GaAs Input												
		Part Number	$I_{I(ON)}$ RMS (mA)	$I_{I(OFF)}$ RMS (mA)	V_{CC} (V)	$V_{I(ON)}$ RMS (V)	$V_{I(OFF)}$ RMS (V)	I_{OH} (μA)	V_{ISO} AC[RMS]	Pkg Outline		Agency Approvals		
			min	max	max	min	max	max		QT	MOT	Standard	VDE0884	
MID400	4	0.15	7	90	5.5	100	2.5kV	D	N/A	A, U	N/A	N/A		

		Photo SCR Output; GaAs Input											
		Part Number	I_{FT}^* (mA)	V_{TM} (V)	V_{DM} (V)	I_{DM} (μA)	I_H (mA)	V_{ISO} AC[RMS]	Pkg Dwg		Agency Approvals		
			max	max	max	max	max		QT	MOT	Standard	VDE 0884	
4N39	14	1.3	200	50	1.0	5.3kV	E	N/A	A,B,D,F,N,S,T,U	.300	N/A		
4N40	14	1.3	400	150	1.0	5.3kV	E	N/A	A,B,D,F,N,S,T,U	.300	N/A		
H11C1	20	1.3	200	50	-	5.3kV	E	N/A	A,B,D,F,N,S,T,U	.300	N/A		
H11C2	20	1.3	200	50	-	5.3kV	E	N/A	A,B,D,F,N,S,T,U	.300	N/A		
H11C3	30	1.3	200	50	-	5.3kV	E	N/A	A,B,D,F,N,S,T,U	.300	N/A		
H11C4	20	1.3	400	150	-	5.3kV	E	N/A	A,B,D,F,N,S,T,U	.300	N/A		
H11C5	20	1.3	400	150	-	5.3kV	E	N/A	A,B,D,F,N,S,T,U	.300	N/A		
H11C6	30	1.3	400	150	-	5.3kV	E	N/A	A,B,D,F,N,S,T,U	.300	N/A		

Notes:

* I_{FT} @ $V_{AK} = 100\text{V}$

Optocoupler package drawings appear on pages 23, 24 and 25