

Optoisolators/Optocouplers (Continued)

Type #	Description	Surge Isolation Voltage V_{IO} (RMS)	Current Transfer Ratio Min	BV_{CEO} (Volts) Min	Typical (μ s)		$V_{CE(SAT)}$ Max	Package*
					t_r	t_f		
H11A10	Programmable Threshold Isolator	2500	10%	30	2	2	0.4	296
H11AA1	AC Input Isolator	1770V	20%	30	2	2	0.4	296
H11AA2		1770V	10%	30	2	2	0.4	296
H11AA3		1770V	50%	30	2	2	0.4	296
H11AA4		1770V	100%	30	2	2	0.4	296
CNY35		1060V	10%	30	2	2	0.4	296

Type #	Description	Surge Isolation Voltage V_{IO} (RMS)	On-State Resistance Max Ω	Off-State Resistance Min Ω	Break Down Voltage	Turn-on Time (μ s)	Turn-off Time (μ s)	Package*
H11F1	Bilateral	2500	200	300M	30	15	15	296
H11F2	Output Analog	2500	330	300M	30	15	15	296
H11F3	FET	2500	470	300M	15	15	15	296

Type #	Description	Surge Isolation Voltage V_{IO} (RMS)	Current Transfer Ratio Min	BV_{CEO} (Volts) Min	Typical (μ s)		$V_{CE(SAT)}$ Max	Package
					t_r	t_f		
H11K1	Darlington	2500V	1000%	250	20	40	2.5	296
H11K2		2500V	500%	200	20	40	2.5	296

Type #	Description	Surge Isolation Voltage V_{IO} (RMS)	Turn On Current I_{FON} Max	Hysteresis I_{OFF}/I_{ON} Ratio		Output Voltage $V_{OL}(I_O = 17mA)$ Max	Maximum Data Rate NRZ	Operating Voltage		Package*
				Min	Max			Min	Max	
H11L1	Schmitt	2500V	1.6mA	0.3	0.9	0.4V	1.0MHz	3V	16V	296
H11L2	Trigger	2500V	10mA	0.3	0.9	0.4V	1.0MHz	3V	16V	296
H11L3	Output	2500V	5mA	0.3	0.9	0.4V	1.0MHz	3V	16V	296
H11N1		4000V	3.2mA	0.65	0.95	0.5V	5.0MHz	4V	15V	296
H11N2		4000V	5mA	0.65	0.95	0.5V	5.0MHz	4V	15V	296
H11N3		2500V	10mA	0.65	0.95	0.5V	5.0MHz	4V	15V	296

* See Packaging Section

#Functional Diagram Included In This Section