

Proximity Sensor Type												
Model Number	Schematic	Contact Form	Coil Resistance +/- 10% Ω	Total Pull-In Sensitivity (AT)	Must Operate (VDC)	Must Release (VDC)	Contact Resistance (mΩ max)	Insulation Resistance (Ω min)	Power Consumption (VA max)	Switching Voltage (VDC max)	Switching Current (A max)	Breakdown Voltage (VDC min)
P3-1A15		1 form A	—	10-40	—	—	150	10 ⁹	1	24	0.1	150
P3-1A16		1 form A	—	10-40	—	—	150	10 ⁹	1	24	0.1	150
P3-1A17		1 form A	—	10-40	—	—	150	10 ⁹	1	24	0.1	150
P1-1A15 P010		1 form A	—	—	—	—	200	—	10	200	0.5	250

Reed Sensor - MK Type												
Model Number	Schematic	Contact Form	Coil Resistance +/- 10% Ω	Total Pull-In Sensitivity (AT)	Must Operate (VDC)	Must Release (VDC)	Contact Resistance (mΩ max)	Insulation Resistance (Ω min)	Power Consumption (VA max)	Switching Voltage (VDC max)	Switching Current (A max)	Breakdown Voltage (VDC min)
MK-0150		1 form A	150	10-40	-	-	100	10 ¹⁰	5	100	0.5	150

* Standard + Diode = D (D1A050D00)
 * Standard + Electrostatic Shield = M (D1A050M00)
 * Electrostatic Shield + Diode = X (D1A050X00)

Triac Output												
Model Number	Schematic	Absolute Maximum Ratings						Electrical Characteristics				
		Input Voltage	Input Type	Output Voltage	Output Type	RMS on-state current (A)	Isolation voltage input to output (V)	On-state voltage (V max)	Leakage current (mA max)	Load Voltage Rating (VAC)	Zero Cross	
KSD210AC8		4 ~ 32	VDC	250	VAC	10	4000	1.5	7	50~280	Y	
KSD215AC8		4 ~ 32	VDC	250	VAC	15	4000	1.5	7	50~280	Y	
KSD225AC8		4 ~ 32	VDC	250	VAC	25	4000	1.5	7	50~280	Y	
KSD240AC8		4 ~ 32	VDC	250	VAC	40	4000	1.5	7	50~280	Y	
KSD425AC8		4 ~ 32	VDC	480	VAC	25	4000	1.5	14	75~480	Y	
KSD440AC8		4 ~ 32	VDC	480	VAC	40	4000	1.5	14	75~480	Y	
KSA210AC8		100 ~ 240	VAC	250	VAC	10	4000	1.5	7	50~280	Y	
KSA215AC8		100 ~ 240	VAC	250	VAC	15	4000	1.5	7	50~280	Y	
KSA225AC8		100 ~ 240	VAC	250	VAC	25	4000	1.5	7	50~280	Y	
KSA240AC8		100 ~ 240	VAC	250	VAC	40	4000	1.5	7	50~280	Y	
KSA425AC8		100 ~ 240	VAC	480	VAC	25	4000	1.5	14	75~480	Y	
KSA440AC8		100 ~ 240	VAC	480	VAC	40	4000	1.5	14	75~480	Y	
KSD203AC3			5 ~ 12	VDC	250	VAC	3	4000	1.5	7	50~280	Y
KSD205AC3			5 ~ 12	VDC	250	VAC	5	4000	1.5	7	50~280	Y
KSD210AC3			5 ~ 12	VDC	250	VAC	10	4000	1.5	7	50~280	Y
KSD215AC3	5 ~ 12		VDC	250	VAC	15	4000	1.5	7	50~280	Y	
KSD225AC3	5 ~ 12		VDC	250	VAC	25	4000	1.5	7	50~280	Y	
KSD240AC3	5 ~ 12	VDC	250	VAC	40	4000	1.5	7	50~280	Y		
KSD203AC2		4 ~ 32	VDC	250	VAC	3	4000	1.5	7	50~280	Y	

Transistor Output												
Model Number	Schematic	Absolute Maximum Ratings						Electrical Characteristics				
		Input Voltage	Input Type	Collector voltage	Output Type	RMS on-state current (A)	Isolation voltage (V)	Collector-emitter saturation voltage (V max)	Leakage current (uA max)	Collector current (mA min)	Zero Cross	
KSD203DC2		4 ~ 24	VDC	100	VDC	3	4000	2	15	50	—	