

SPECIFICATIONS			Model Number(TYPE)		
			20D-2A 11N1		
Parameters	Test Conditions	Units	20D-2A11N1	20D-2A21N1	20D-2A31N1
<b>Coil Specs</b>					
Nominal Coil Voltage	± 10% at 20° C	VDC	5.0	12.0	24.0
Max Coil Voltage	15° C to 35° C	VDC	5.5	13.2	26.4
Coil Resistance	15° C to 35° C	W	150	600	2000
Operate Voltage		VDC-Max	4.0	9.6	19.2
Release Voltage		VDC-Min	0.7	1.2	2.4
<b>Contact Ratings</b>					
Switching Voltage	max DC/peak AC resist	Volts-Max	100	100	100
Switching Current	max DC/peak AC resist	Amps-Max Amps-Max	0.5	0.5	0.5
Carry Current	max DC/peak AC resist	m Amps-Min	1.0	1.0	1.0
Contact Ratings	min DC 10 mV AC Resist.	Watts-Max	10	10	10
Life Expectancy	max DC/peak AC resist	10 x 10 <sup>6</sup> Cyc.	10	10	10
Contact Resistance	at 1V 10mA	100 m W -Max	100	100	100
Contact Resistance	max initial at operate voltage	150 m W -Max	150	150	150
Stability	max initial at operate voltage		2.0	2.0	2.0
<b>Relay Specifications</b>					
Insulation Resistance	between all isolated pins	W -Min	1011	1011	1011
Capacitance	at 100V 20° C 40%RH	pF-Max	0.2	0.2	0.2
(across open contact.)	at DC BIAS 1V 1MHz	pF-Max	1.2	1.2	1.2
(contact to shield)	shield guarding	pF-Max	0.5	0.5	0.5
open contact to coil	contacts: open shield floating shield guarding				
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<b>Relay Specifications</b>					
Dielectric Strength	between contacts	VDC-Min	200	200	200
Operate Time	contacts to shield	VDC-Min	500	500	500
(including bounces)	at nominal coil voltage	msec-Max	0.5	0.5	0.5
Release Time	100Hz square wave	msec-Max	0.5	0.5	0.5

