

LTspice Model

Mechanical Relay

OMRON

G5NB-1A-E

Model Information

Model An original macro model
Call Name MDC_G5NB-1A-E_LT
Pin Assign 1:Coil1 2:Contact1 3:Contact2 4:Coil2
File List Model Library MDC_G5NB-1A-E_LT01.lib
 Model Report MDC_G5NB-1A-E_LT.pdf (this file)
Verified Simulator Version LTspice version XVII
Note Coil Voltage:12(V)

References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version Unknown
- Product name G5NB-1A-E
- Company name OMRON Corporation
- Characteristics Transient

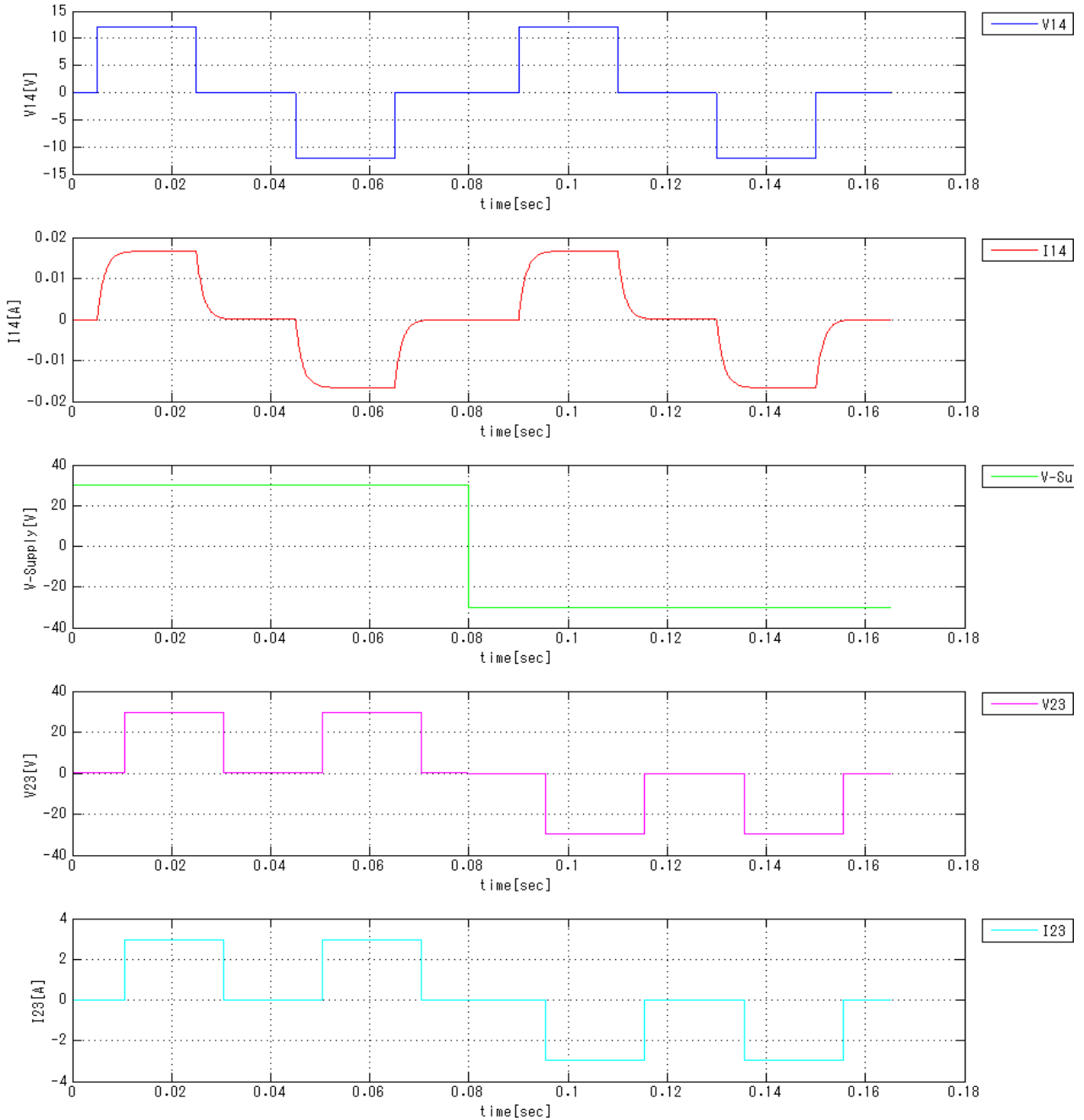
Simulation Range

This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Range			Unit
	Min.		Max.	
Temperature	-40	to	85	deg C

Simulation results are following.
Explanatory notes — : simulated

Transient



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