

Coverage Report for DC_mOTOR_VERSION2

Table of Contents

1. [Analysis Information](#)
2. [Tests](#)
3. [Summary](#)
4. [Details](#)

Analysis Information

Coverage Data Information

Collected in version (R2022a)

Model Information

Model version 1.2
Author DELL
Last saved Sat Mar 26 17:09:47 2022

Harness information

Harness model(s) DC_mOTOR_VERSION2_Harness1
Harness model owner DC_mOTOR_VERSION2

Simulation Optimization Options

Default parameter behavior tunable
Block reduction forced off
Conditional branch optimization on

Coverage Options

Analyzed model DC_mOTOR_VERSION2
Logic block short circuiting off

Tests

Test	Started execution	Ended execution
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Summary

Model Hierarchy/Complexity [RunAll 1 - Harness Inputs](#)

Decision Execution

1. [DC_mOTOR_VERSION2](#) NA 100%
2. . . . [Subsystem](#) NA 100%

Details

1. Model "DC_mOTOR_VERSION2"

Child Systems: [Subsystem](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Decision	NA	NA
Execution	NA	100% (17/17) objective outcomes

2. SubSystem block "[Subsystem](#)"

[Justify or Exclude](#)

Parent: [/DC_mOTOR_VERSION2](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Execution	NA	100% (17/17) objective outcomes

Full Coverage

Model Object	Metric
Gain block " 1/J "	Execution
Gain block " 1/La "	Execution
Gain block " B "	Execution
Gain block " Ra "	Execution
Product block " Ka*phi*Ia "	Execution
Product block " Ka*phi*w "	Execution
Product block " Product "	Execution
Product block " Product1 "	Execution

Product block " multiplier "	Execution
Sum block " Add "	Execution
Sum block " Add2 "	Execution
Sum block " Add3 "	Execution
Constant block " Constant "	Execution
Integrator block " Integrator2 "	Execution
Integrator block " Integrator3 "	Execution
Constant block " t1 "	Execution
Constant block " to rpm "	Execution