

Safety and Reliability Coverage Analysis

Safety and reliability coverage analysis is designed as a table. Thus table describes how many design elements are covered with risks and FMEA in the model.

Criteria

Element Type:

Part Property

...

Scope (optional):

Model

{key}

...

Filter:

Q

#	Design Element	Covered By Reliability Analysis	Covered By Safety Analysis
1	<div>P</div> : Design::Beeper		
2	<div>P</div> control module : Design::Control module		
3	<div>P</div> dispenser : Design::Dispenser	<div>F</div> F4	
4	<div>P</div> display : Design::Display	<div>F</div> F5	
5	<div>P</div> TVSS : Design::TVSS		
6	<div>P</div> power : Design::Power	<div>F</div> F1 <div>F</div> F2 <div>F</div> F3	<div>R</div> R1

To perform a coverage analysis

1.

In your model, select a package and [create a diagram](#) in it. Diagram is located in the **Safety and Reliability Analysis** group and is named **Safety and Reliability Coverage Analysis**.
2.

Specify a scope for the analysis. In the **Scope** box, define a package wherein you want to perform the analysis:
 - You may drag a package directly from the Model Browser. In this way, only one package can be specified for analysis.
 - Click the **Select Scope** button

...

 located after the **Scope** box. In the open **Select Scope** dialog, select one or more packages and click **OK**.

The coverage analysis table is created.

Related pages

- Additional features
 - [Traceability maps](#)
 - [Generating reports](#)
 - [Linking Failure Modes to model elements](#)