RASWIN Module SRS
# PL Calculation of ESD elements

How to calculate the PL in RASWin?
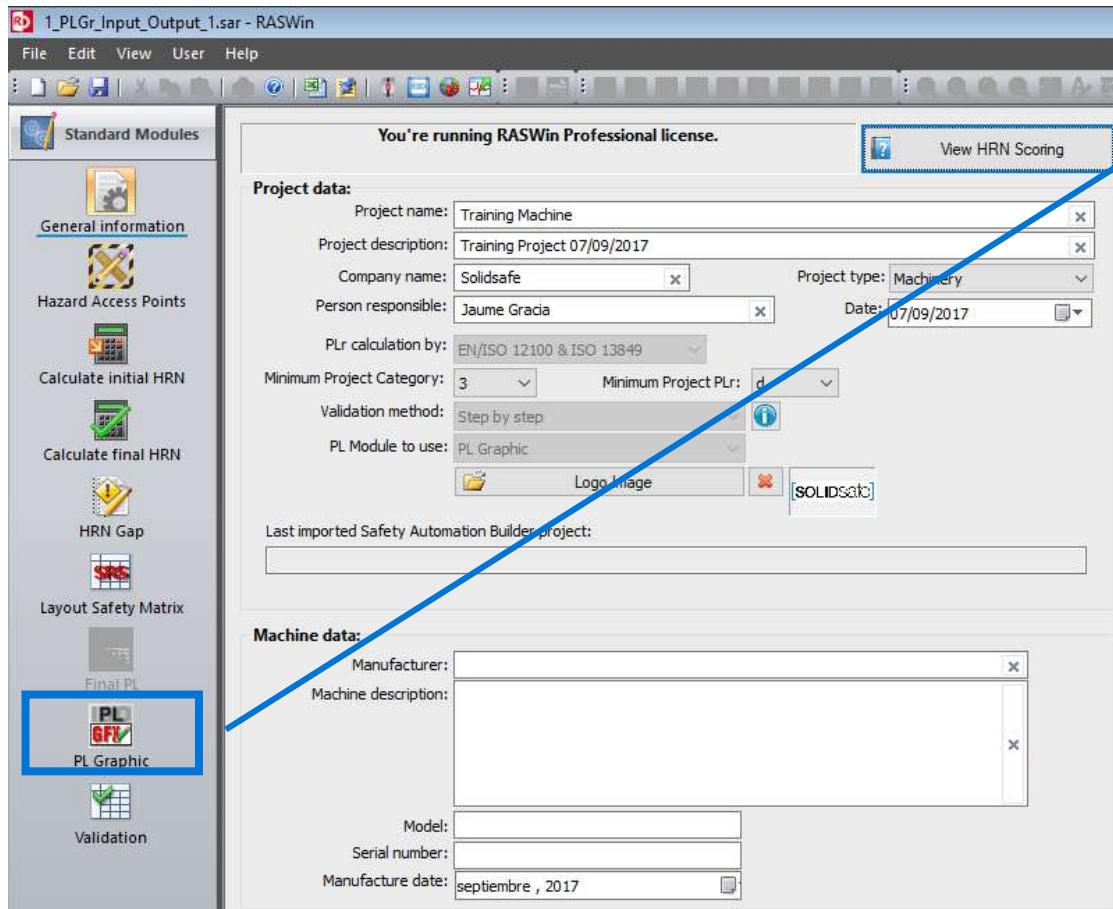
PL Gfx Module

1. Click on PL Gfx Module icon.

Module: PL Gfx

How to calculate the PL in RASWin?

PL Gfx Module

1. Add a ESD element to the layout

How to calculate the PL in RASWin?

PL Gfx Module

1. Select the Access Point of the Embedded Safety Device.

2. Click on *"Catalog"*

Step 2: Loading a catalog

How to calculate the PL in RASWin?

PL Gfx Module
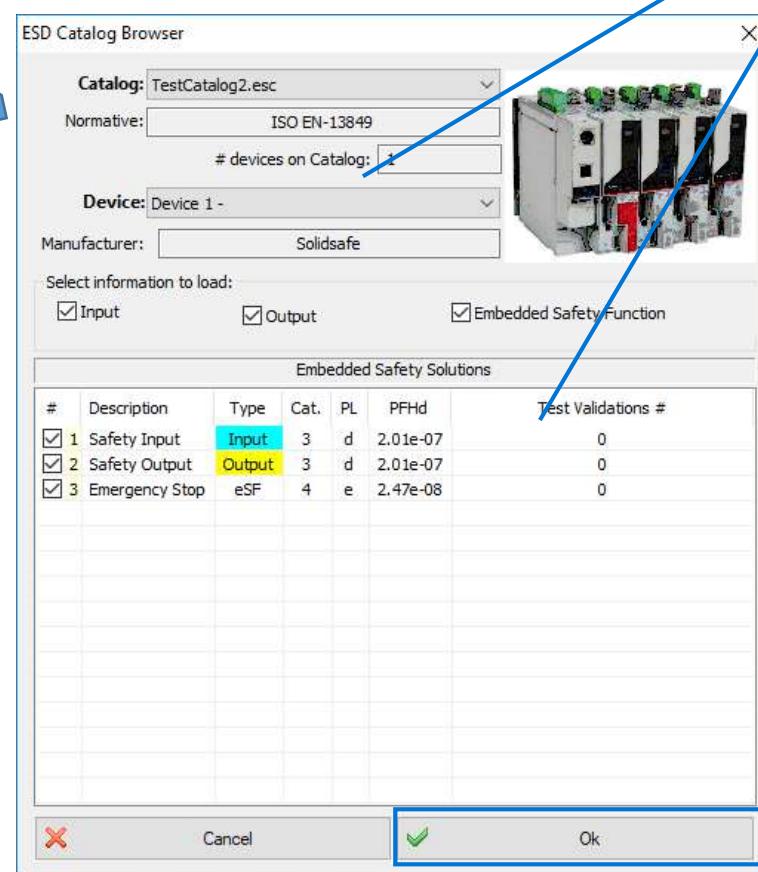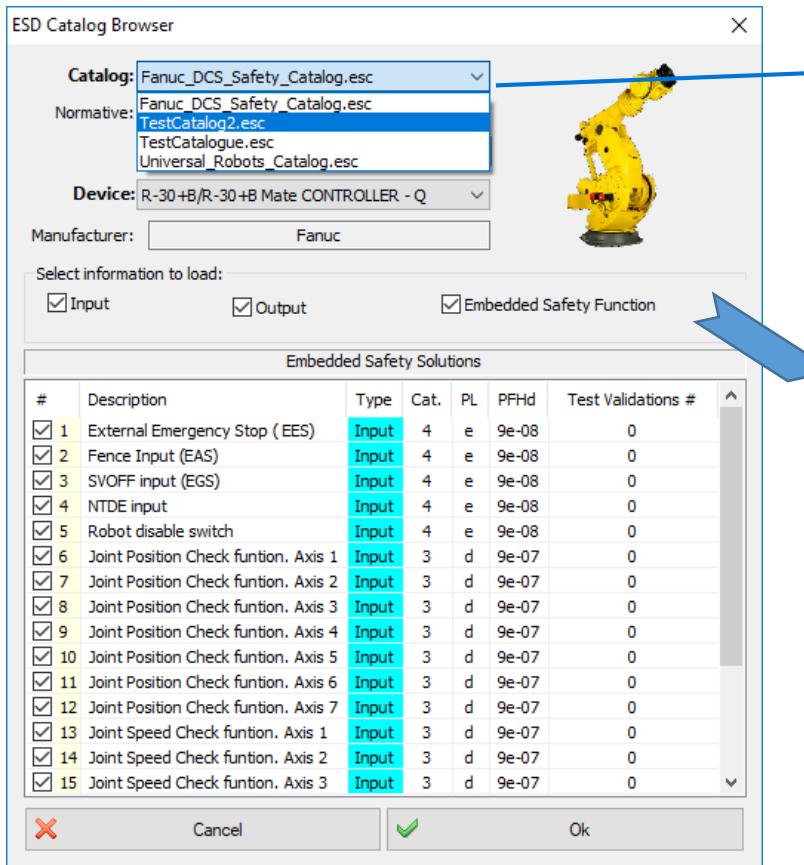
1. Select the Catalog of the used device.

2. Select the device of the catalog.

3. The device information will appear

4. Click "Ok"

Step 2: Loading a catalog

How to calculate the PL in RASWin?

PL Gfx Module

RASWin

ⓘ The selected device has embedded safety solutions, select how to treat them:

⦿ Create the safety functions and the logic component inside them.

◯ Don't create the safety functions. (Select this if you already have them from the risk assessment)

Aceptar
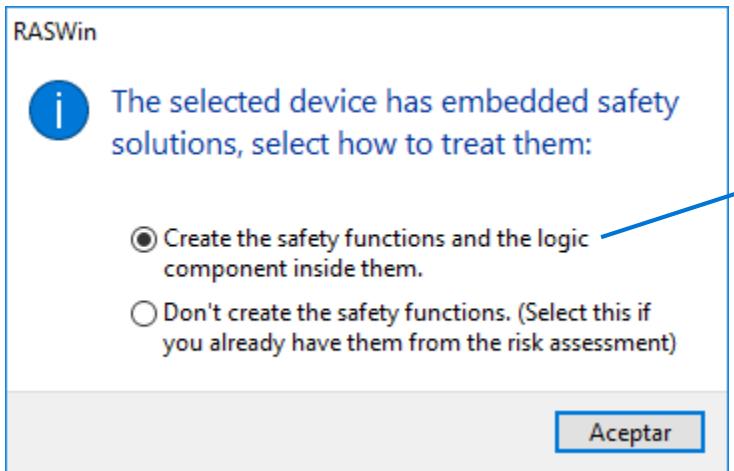
Select a option:
1. Create SF inside them: Used when the SF's of the device has not been created. They will be created

2. Don't create the SF: Used when the SF's of the device has been created.

How to calculate the PL in RASWin?
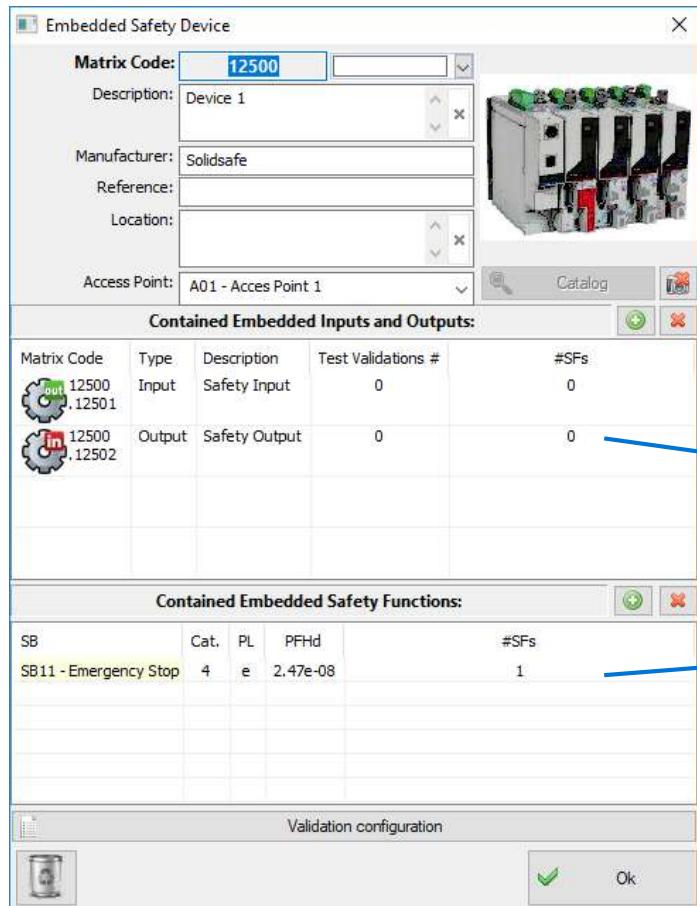
PL Gfx Module

All the inputs and Outputs has ben created and appear on the ESD element

All the Safety Functions has ben created and appear on the ESD element

How to calculate the PL in RASWin?
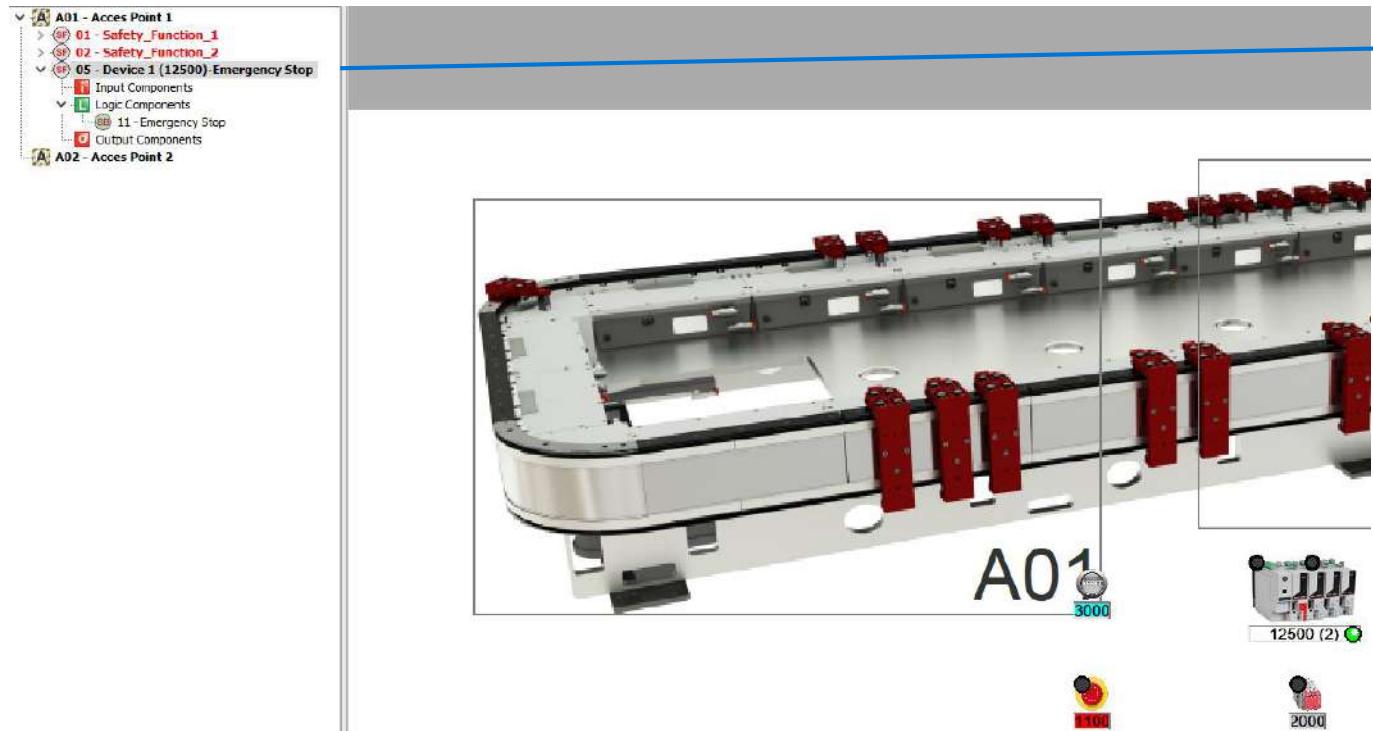
PL Gfx Module

All the Safety Functions of the device appear on PL Tree.

How to calculate the PL in RASWin?

PL Gfx Module

1. Click on new Safety Function.

2. Click on "Edit".

3. Edit the new Safety function, adding the SF information, the PLr and the NOP. *(follow the steps described on "**1_PLGFx_Creating_new_SF.pptx**" file)*
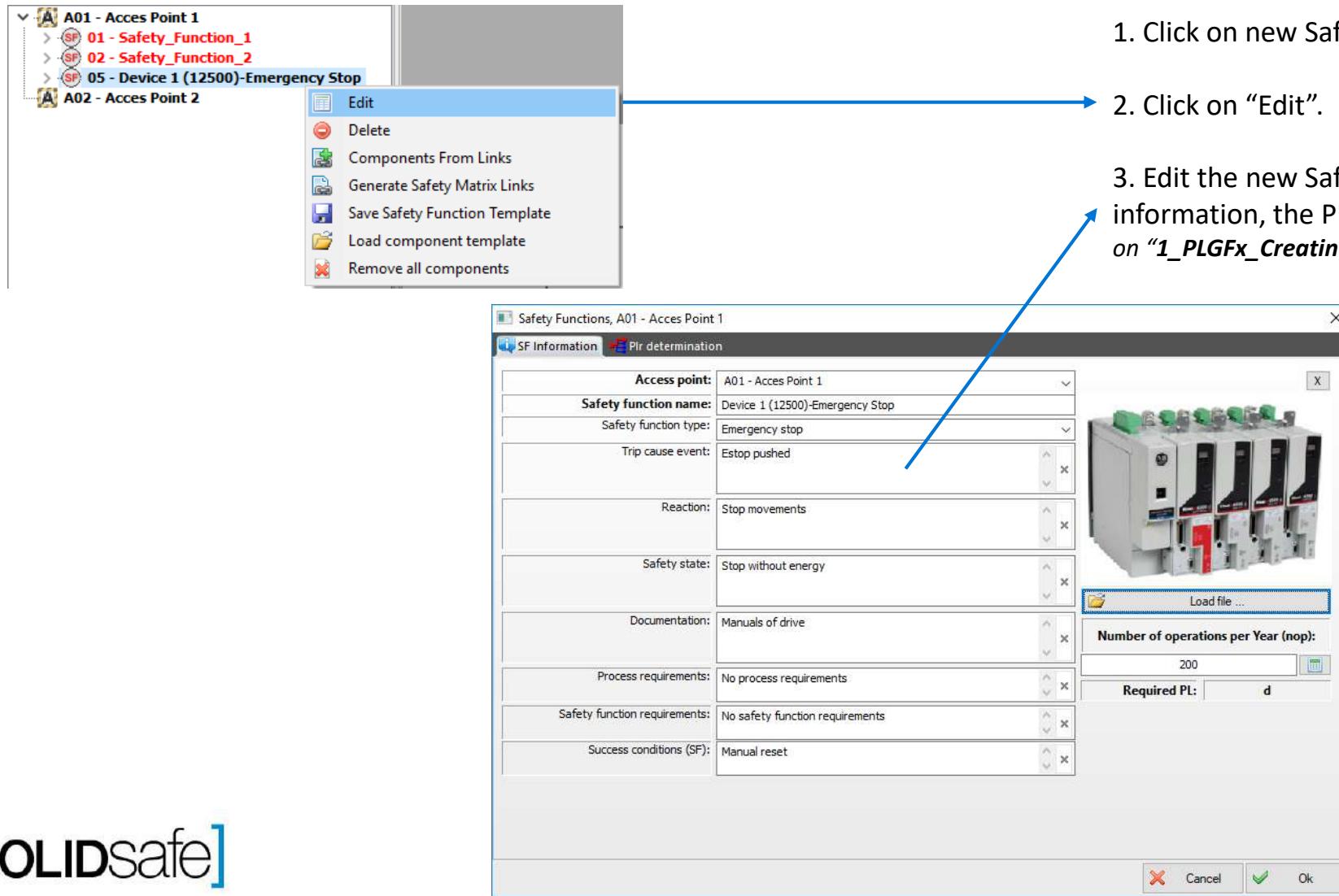
How to calculate the PL in RASWin?

PL Gfx Module

1. Add the Input elements to the Safety Function using the Manual Mode

2. Add the Output elements to the Safety Function using the Manual Mode

3. The PL of ESD Safety Function has been calculated

[SOLIDsafe]

R A S
Risk Assessment Software