

## **Roxtec International AB**

Roxtec Transit Designer

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# 1. Create project







Select a Category from the list		
		My first project
	*	
	tion authority	Marine/Offshore Power & Process industries Infrastructure & Industry
	dit log	
Select a Certification authority if applicable		
		My first project
	¢	Marine/Offshore 🗸
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Enable the <b>audit log</b> if you want to track all changes done in the project	Catego	ny * Marine/Offshore
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# 2. Create backup





If the backup is successful you will see the following message. Project backup successful. Please find the backup in the downloaded file.					
		Pro	nject backup successf	ul. Please find the backu	ip in the downlo
	ustomer	Audit log	Document export	Data management	
A download will start, save the file in your desired		2024-01-14 2	1:13 File folder		-
location.		2024-01-10 0 2024-01-09 1	18:44 File folder 13:44 File folder		
		2024-01-07 1	17:24 File folder 23:59 File folder		<u><u>c</u></u>
		2023-12-22 2	20:31 File folder		~
					~
				Save	Cancel

# 3. Audit log

Start by selecting a <b>project</b>	Projects	Create new project -
		Showing entries 1-6 of 6
		My First Project         0         1         0           MARINE/OFFSHORE         Location         Transits         Solutions           Ongoing
		My first project
Go to the <b>settings</b> menu	) Roxtec Tran	nsit Designer × +
	$\rightarrow$ C	transitdesigner.roxtec.com/app/projects/404aa876-ea2e-4577-a079-448ec581c121/c
	3	■ Roxtec Transit Designer <sup>™</sup> v 4.281.0
	shboard	Projects Settings
		🚔 My First Project 🔯
	rojects	Add transit - Add location
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1/29/2024



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Select the Audit log tab	'app/projects/404aa876-ea2e-4577-a079-448ec581c121/settings
	<b>)r™</b> ∨ 4.28.1.0
	ect
	ices (Roxtec) Sharing Customer Audit log
	404aa876-ea2e-4577-a079-448ec581c121
Click on Audit log enabled	
-	( Park
	Backup project Delete project
	Audit log enabled
	Q Search
	Date 14
Once the <b>Audit log</b> is enabled, it will track all changes	Roxtec Transit Designer <sup>™</sup> v 4.281.0
made to the project.	Dashboard Projects
	📇 🛱 My First Project
	Projects Projects Details Module preferences (Roxtec) Sharing Customer A
	<u></u>
	Sharing
	Log message TV

## 4. Create transit

Click on the button Add transit.



1/29/2024





## **Roxtec International AB**

You can add a <b>Drawing number</b> and <b>Drawing</b>		
These will appear on downloaded drawings	My First Transit	
	This transit will be placed in	'My First Project'
You can <b>Adjust</b> .the module safety margin		
		<u>//.</u>
	y of <b>20</b> % and use a module safety margin of <b>3 mm</b> .	Adres -
	Cancel	Next
	pa apporation	
Click on the input field .	ng annotation	
Click on the input field .	ng annotation	
Click on the input field .	ng annotation onal settings	Transit will be created with a default spare capacity of <b>20</b> % a
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#### Module safety margin

Transit Designer always try to optimize your solution to be as space efficient as possible by choosing the smallest module possible for your cables/pipes. To make sure that cable/pipe tolerances will not cause any issues during installation the safety margin of mm(default) to the max range of the modules is activated by default. By setting this va you can control how much margin you would like to have between the module range a the cable/pipe diameter. Setting the value to 0 will make the system utilize the comple range of the modules.

Click on the button Next to save your transit



## 5. Insert cables and pipes

Start by selecting a transit



ClickLearn	Roxtec International AB robin.malkolms @roxtec.d January 29, 2 Roxtec Transit Designer
You can choose between <b>cables</b>	<ul> <li>transitdesigner.roxtec.com/app/projects/404aa876-ea2e-4577-a079-448ec581c121/tran</li> <li>Roxtec Transit Designer™ v4281.0</li> <li>Projects / My First Project / My First Transit</li> <li>My First Transit</li> <li>Responsible: Test Testsson</li> <li>Transit type: Single solution</li> </ul>
Dince	Approximate diameter (mm)          Insert cables and pipes         Approximate diameter
<del></del>	Iesigner.roxtec.com/app/projects/404aa876-ea2e-4577-a079-448ec581c121/transits/d8d06d8 Transit Designer™ v 42810 Av First Project / My First Transit t Transit © Test Testsson Single solution © Approximate diameter (mm) Approximate diameter
And <b>Plastic conduits</b>	tec.com/app/projects/404aa876-ea2e-4577-a079-448ec581c121/transits/d8d06d8a-b41c-4cd Pesigner <sup>M</sup> v 4281.0 oject / My First Transit on ion
Specify the diameter	Approximate diameter (mm) Approximate diameter
	Approximate diameter



The category is optional	
	ead more about plastic conduit support
	Category C
	Specify your category here
	Add row +
Specify the amount of cables	> Dack to project overs
	Detailed
	Count
	How many?
You can add as many <b>rows</b> as you need	Read more about plastic conduit support
You can add as many <b>rows</b> as you need	Read more about plastic conduit support
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## **Roxtec International AB**

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The selection will be limited to frames suitable for your cable setup	✓
When you are done click on <b>Choose solution t</b> o continue	aderial is AISI 316.   5   6   6   Choose solution
Click	becifically designed and tested for rolling stock applications. The aluminum frame is nitial installations and retrofit work when cables or plastic conduits need to be me can accommodate either Roxtec CM or CM PPS sealing modules with on preferences and application needs. Modules with Multidiameter™ have adaptability and a perfect fit regardless of the cable dimensions. The PPS version of otection for plastic conduit applications. The CRF transit is light weight, compact pbal standards for the industry, including EN 45545-2/3 and E30 fire protection.         ressure       Mounting type       Structure Installation         66          Solting
	lation instructions Bolting

# 6. Design

If you have selected the wrong frame click **Replace** solution

🔰 Roxtec Transit Designer	× +
$\leftrightarrow$ $\rightarrow$ C $\bullet$ transitdesign	er.roxtec.com/app/projects/404aa876-ea2e-4577-a079-448ec581c
📃 Roxtec Transit Design	er <sup>TM</sup> v 4.28.1.0
Projects / My First Project /	/ My First Transit
My First Transit Responsible: Test Testsson Transit type: Single solution	Replace solution
Insert cables and pipe	05

1/29/2024



Salast a new frame than slick Configure frame to	ild in spare capacity in the transit.
Select a new frame then click <b>Configure frame</b> to	Mausting type Structure of installation
continue	Mounting type Structure of Installation
	Configure frame
	matal frame and flance for walding to the structure
Finish by clicking <b>Replace solution</b>	
	< Back Replace solution
You can use the Match hole function if you have are	ir X +
working off an existing hole	nother inner rented com (ann farningte (404 an 976 an 20 4577 an 70 448 a 591 at 21 feangite (4940649 a b.4
	nsituesignen oxtec.com/app/projects/404aao/o-eaze-4377-ao/o-44oecoorcrizit/transits/uodoodoa-04
	t Designer™ v 4.281.0
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Click on Match hole	t Designer <sup>M</sup> v42810 Project / My First Transit sit Replace solution Match hole tsson blution ( s and pipes pxtec Transit Designer <sup>M</sup> v42810 s / My First Project / My First Transit First Transit Replace solution Match hole sible: Test Testsson type: Single solution ( Match hole X 250mm Y 250mm Find Insert cables and pipes Design



Type in the dimensions of the existing hole	ransit Designer <sup>™</sup> v4281.0			
	First Project / My First Transit			
	Fransit     Replace solution     Match hole       st Testsson      Match hole       rgle solution         Match hole     X     250mm       Y     250mm     Y			
	cables and pipes			
Click on <b>Find closest matching part</b> to find a suitable frame				
	teplace solution <u>Match hole</u>			
	ch hole 🗸 🛛 X 25þmm 🛛 Y 250mm 🛛 <b>Find closest matching part</b>			
If you want to change the size of openings. Click on <b>Change opening size</b>				
	② What does the status mean? Change opening size ~ Number of openings ^			
Select the opening size you want				
	② What does the status mean? Change opening size			
	120x240 mm			
	Number of openings			



Select how many <b>openings</b> you want	
	② What does the status mean?
	Change opening size 👻 👻
	Number of openings
	Configure frame 👻
	MEASUREMENT S
You can select various options for the frame by clicking <b>Configure frame</b>	Number of openings
	Configure frame 👻
	MEASUREMENTS
	Width <b>271 mm</b>
	Height 359 mm Death 60 mm
You can select the <b>Mounting type</b> and <b>Solution</b> material	
	MOUNTING TYPE
	Welding 🗸
	SOLUTION MATERIAL
	Aluminium 🗸
	ADDITIONAL SETTINGS
	Wedge material is
	Galvanized. Stayplate
	Change
You can change the wedge and stayplate material	AISI 316 🗸
	STAYPLATE MATERIAL
	AISI 316 🗸
	ATEX 😧
	YES
	ЕМС 🧿
	YES



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You can also select the ATEX and EMC options. Click the question marks for a detailed description.		AISI 316 V ATEX 3 VES EMC 3 VES ATTACH A CERTIFICATE FOR THIS SOLUTION VES
		MEASUREMENTS
Its possible to Attach a certificate for the solution	<insert and="" cables="" pipes<="" td=""><td>CENTER BACK CENTER BACK ATTACHA CERTIFICATE FOR THIS SOLUTION YES MEACHDEMENTC Make packing plan</td></insert>	CENTER BACK CENTER BACK ATTACHA CERTIFICATE FOR THIS SOLUTION YES MEACHDEMENTC Make packing plan
Click on the button <b>Make packing plan</b> to continue	<insert and="" cables="" pipes<="" td=""><td>CENTER BACK  CENTER BACK  CENTE</td></insert>	CENTER BACK  CENTE

# 7. Packing plan

In this step we design the layout of our modules







Click and hold the left mouse button on a <b>Module</b> to drag it	<pre></pre>
Release the left button when the module is in the desired position	Spares <ul> <li>Auto place all</li> <li>1</li> <li>1</li> <li>2</li> </ul> Sort by: Default -     C     C     C     C
Under the <b>Unpositioned</b> tab you will find modules that need to be placed	<ul> <li>transitdesigner.roxtec.com/app/projects/404aa876-ea2e-4577-a079-448ec581c121/transits/d8d0</li> <li>Roxtec Transit Designer<sup>™</sup> v4282.0</li> <li>Projects / My First Project / My First Transit</li> <li>My First Transit</li> <li>My First Transit</li> <li>Insert cables and pipes</li> <li>Insert cables and pipes</li> </ul>
Under the <b>Positioned</b> tab you will find modules that have been placed already	.roxtec.com/app/projects/404aa876-ea2e-4577-a079-448ec581c121/transits/d8d06d8a-b41c-4cdd-877         it Designer™ v4282.0         t Project / My First Transit         nsit



And under the <b>Spares</b> tab you can find spares to fill out any remaining space with	rojects/404aa876-ea2e-4577-a079-448ec581c121/transits/d8d06d8a-b41c-4cdd-876a-96bb7ec862e9				
, , , , , , , , , , , , , , , , , , , ,	4282.0				
	irst Transit				
	Unpositioned Positioned Spares (Aut				
You can also use the <b>Auto place all</b> function. This will place all the modules for you automatically	1c121/transits/d8d06d8a-b41c-4cdd-876a-96bb7ec862e9/packingplan				
	d Spares ( Auto place all -				
	Row 1 1 2				
Click the <b>downwards</b> arrow for different auto place functions	18a-b41c-4cdd-876a-96bb7ec862e9/packingplan				
	Auto place all       1     1       2     1				
Using <b>Levelout</b> . The largest modules will be placed at the bottom of openings for best performance					
	Spares				
	Row 2				
	15 Separate by category				
	20 💽 : C				



The <b>Separate By Category</b> option will separate modules by the categories that have been assigned in the insert cables and pipes step.	Spares « Auto place all -
	Row Levelout 2
	15 • • • • • • • • • • • • • • • • • • •
	20 💽
Click on the <b>Undo</b> button to undo any action	
	ioned Positioned Spares ( Auto place all
	Q Search Sort by: Default -
	c O O O
Click on the <b>Redo</b> button to redo any action	
	Positioned Spares
	earch Sort by: Default +
Click on the button <b>Summer</b> y to continue	
Click on the button <b>Summary</b> to continue	
	· · · · · · · · · · · · · · · · · · ·
	< Design Summary →



## 8. Summary





Click on <b>Get documents</b> to download various documents or push the design to Transit Build and	∨ – ⊡ × ⊮ ☆ <mark>== ≱ ⊡ ●</mark> :
Operate	
	Add accessories 🛃 Get documents Buy 🕁
	Solution details
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Select the documents you want	Anti Spe Expo
	accessories
	1 Bill of material (xlsx)
	Coversheet + Material
	Cable schedule
	✓ Audit log
If you want a quote on the transit click on <b>Get quote</b>	✓ Audit log
	Frame models (3D .stp .rfa) ~
	Get quote
Click on the button <b>Download</b> to download the selected documents	Audit log
	Frame models (3D .stp .rfa) ~
	Get quote 🛃 Download 🖙 Push to Transit Bu



Or you can click P <b>ush to Transit Build</b> to push the selected documents to transit build and operateThis requires the project to be linked with a Transit Build and Operate asset. If a button is greyed out, the selected combination cannot be downloaded or pushed	.stp .rfa) ↓ Get quote J Download G> Push to Transit Build @
Click the <b>Buy</b> button if you wish to order the transit. This will require an account that is setup for online orders.	<ul> <li>✓ – □ ×</li> <li>È ☆ ➡ ▲ □ ● :</li> <li><sup>Q</sup> +46 733 313 093     <li>W Help ✓ ● Test Testsson ✓     </li> </li></ul>
	Add accessories 🛃 Get documents 🛛 Buy 😓
	Solution details
Click on the link <b>Upgrade your account</b> if you wish to enable online orders.	a few clicks away from being able to see your prices and purchase Roxtec mate upgrade your account to include e-commerce. Upgrade your account
Click on the button <b>Finish</b> when you are done	
	< Make packing plan Finish



# 9. Create backup v3





If the backup is successful you will see the following message. <b>Project backup successful. Please find</b> <b>the backup in the downloaded file.</b>	Project backup successful. Please find the backup in the o				up in the downloc
	ustomer	Audit log	Document export	Data management	
A download will start, save the file in your desired		2024-01-14 2	21:13 File folder		
location.		2024-01-10 ( 2024-01-09 1	18:44 File folder 13:44 File folder		
		2024-01-07 1 2023-12-28 2 2023-12-22 2	23:59 File folder 20:31 File folder		
					~
				Save	Cancel