



## REDSYS PREPAYMENT



módulos  
4webs

CERTIFIED MODULE



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## Purpose and functionality

**"Redsys Prepayment"** is a module developed by 4webs with the purpose of being able you to offer a service of remote payments wich you can create the payment in your store to allow the customer pay it with credit cards.

Module is easily and fastly to cofigure, You only have to introduce your API Redsys data in the settings of the module.

As a main functionalities, you can create payments, with a determinated amount and linked to an email address which it will be sent to. However, the most useful funcionality of the module is the creation of **payments linked to an order** which will be created automatically in your store when customer have finish the payment.

Likewise, you will can modify already created payments, being able to modidy the amount, the email of the destination, adding a linked order, or removing the order if it have it. Module can use prestashop carts engine as well. So you can use your store carts with your module and approach them when creating linked orders!

NOTE: This manual was builded with module version 1.0.0. Images, icons and functionalities may be different if you have older or newer versions.

## Technic description and requirements

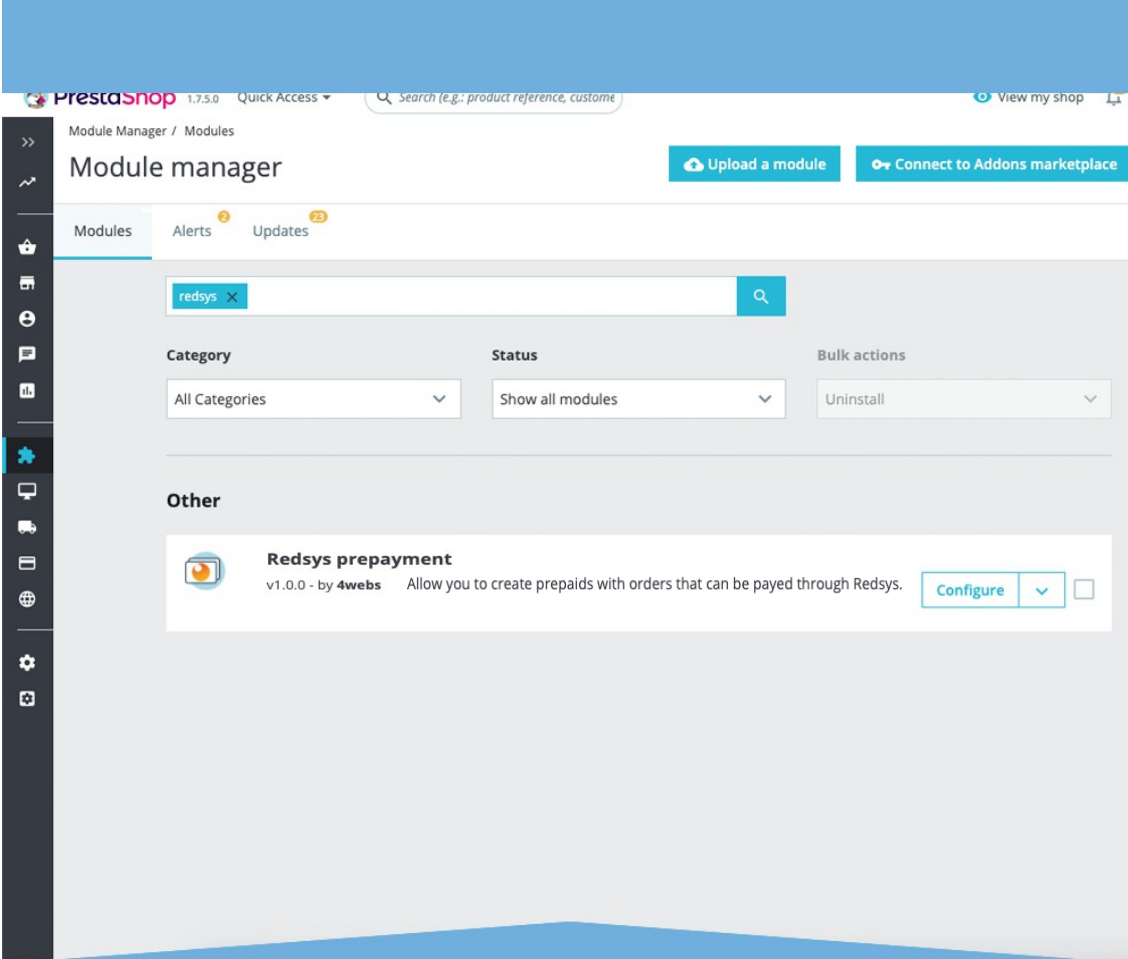
**VERSION:** 1.0.0

**COMPATIBILITY:** 1.6.0.0 – 1.7.7

## Install y configuration

Firstly, it is necessary to upload toy module to your server. Then, you can see it by searching its name in your module searcher and clicking "Install" .

Now, we will show you some screenshots where you can learn its configuration process and how to use this module. Once it is installed, search it by "Redsys Prepayment" in your module list and access to its settings by the button "Configure" as image shows.



The screenshot displays the PrestaShop 1.7.5.0 Module Manager interface. The top navigation bar includes the PrestaShop logo, version 1.7.5.0, a 'Quick Access' dropdown, a search bar with the placeholder 'Search (e.g.: product reference, customer name)', and a 'View my shop' link. The main header shows 'Module Manager / Modules' and two buttons: 'Upload a module' and 'Connect to Addons marketplace'. Below the header, there are tabs for 'Modules', 'Alerts' (with 2 notifications), and 'Updates' (with 23 notifications). The 'Modules' tab is active, showing a search bar with 'redsys' entered. Below the search bar, there are filters for 'Category' (set to 'All Categories'), 'Status' (set to 'Show all modules'), and 'Bulk actions' (set to 'Uninstall'). The main content area, titled 'Other', lists the 'Redsys prepayment' module (v1.0.0 - by 4webs) with a description: 'Allow you to create prepaids with orders that can be payed through Redsys.' To the right of the description are two buttons: 'Configure' and a dropdown arrow, followed by an unchecked checkbox. The bottom of the image features a blue banner with the text 'CONFIGURE YOUR REAL AND TEST ENVIRONMENT'.

CONFIGURE YOUR REAL AND TEST ENVIRONMENT

In the configuration screen of the module you can configure your credentials for the use if Redsys credit card service.

On next capture you can see all required fields:

The screenshot shows the PrestaShop configuration interface for the Redsys payment module. The top navigation bar includes the PrestaShop logo, version 1.7.5.0, and a search bar. The main header indicates the current page is 'Configure' for the 'Redsys payment method'. Below this, there's a section 'ABOUT REDSYS PREPAYMENT' with '4Webs Modules' and 'Certified Module' badges. The 'REDSYS CONFIGURATION' section contains 'Redsys payment settings' with four numbered fields: 1. Test Environment (toggle set to No), 2. Number of commerce [FUC], 3. Secret encryption key [SHA-256], and 4. Terminal Number. A 'Save' button is at the bottom right. A blue banner at the bottom says 'CONFIGURE YOUR REAL AND TEST ENVIRONMENT'.

1. **Test environment:** Select what environment you want to use for your module. Remember that test environment does not replicate in your real environment. Likewise, notice that credentials for both environments are **different**.
2. **Number of commerce:** Insert here your number of commerce or FUC. You can obtain this number in your Redsys Panel.
3. **Secret encryption key:** Your secret encryption key can be obtained in your Redsys Panel as well.
4. **Terminal number:** Terminal number that will be used. You can manage your terminals in you Redsys Panel.

Notice that you have to introduce your activated environment data. Remember that credentials of both environments are different.

Now we can create payments with module “Redsys Prepayment”. Module installs an useful link on your sidebar menu of Prestashop where you can manage your payments. You can access by clicking on link Sell/Orders/Redsys Preorders.

The screenshot shows the PrestaShop 1.7.6.3 dashboard. On the left sidebar, under the 'SELL' section, the 'Orders' menu is expanded, and 'Redsys Pre Orders' is highlighted with a blue arrow. In the main content area, there is a 'TIPS & UPDATES' section with a blue button labeled 'CONNECT TO PRESTASHOP MARKETPLACE'. To the right of this section is a 'DASHBOARD' summary table showing 'Sales' as '€0.00 Tax excl.' and 'Orders' as '0'. Below the summary table is a line chart with a y-axis labeled from 0 to 1.

**PrestaShop 1.7.6.3** Quick Access

Dashboard

## Dashboard

Day **Month** Year Day-1 Month-1 Year-1

**TIPS & UPDATES**

Connect to your account right now to enjoy updates (security and features) on all of your modules.

Once you are connected, you will also enjoy weekly tips directly from your back office.

[CONNECT TO PRESTASHOP MARKETPLACE](#)

**DASHBOARD**

Sales	Orders
€0.00 <small>Tax excl.</small>	0

1  
1  
1  
0

ACTIVITY OVERVIEW



Selecting that option in your menu you will go to the next screen, where you can see all your payments in your store. Pending payments, payments already finished alongside some information about them like amount, destination email etc. You will can start to create a payment clicking on the + symbol in the toolbar of the table :

REDSYS PRE ORDERS (2)

Id	Redsys Reference	Customer	Email	Amount	Date release	Date payment	Email Sended	Status
6		Jonh Doe	test@4webs.es	€45.99	07/09/2020		Resend	PAY PENDING
5	000201904ufY	test test	joseramon@4webs.es	€16.82	07/07/2020	07/09/2020	Resend	PAY PENDING

Bulk actions

LIST ALL YOUR CREATED PAYMENTS AND CREATE NEW ONES

Payments table fields:

1. **ID:** Identification number of this payment in your store. It is showed only in your backoffice.
2. **Redsys reference:** Reference that is autoinserted when customer finish this payment on the payment gateway.
3. **Customer:** Firstname and lastname of customer which will be sent the notification to.
4. **Email:** Email of the customer.
5. **Amount:** Amount of the payment.
6. **Creation date:** Date when payment was created.
7. **Payment Date:** Date when payment was finished by the customer.
8. **Email Sent:** With this button you can send the notification to customer again.
9. **Status:** Payment state. It can be Payed, Pending, Cancelled or Error.
10. **Dropdonw menu:** Here you can select modify or delete a payment of your store.

# Payment creation without order linked

Clicking at the button to create a new payment will sent you to the next screen where you have to introduce all payments basics. As it is possible to create payments with orders linked and payments without orders linked we will start to introduce how to create payments without orders .

This process starts as we shown:

The screenshot displays the PrestaShop 1.7.5.0 interface for creating a new payment. The form is titled 'REDSYS PRECHARGE' and includes the following elements:

- 1**: A toggle switch for 'Create order with payment request' with options 'YES' and 'NO'.
- 2**: An input field for 'Email'.
- 3**: An input field for 'Name'.
- 4**: An input field for 'Amount'.
- 5**: A dropdown menu for 'Currency' currently set to 'Euro'.
- 6**: A large text area for 'Public Description'.

Below the 'Public Description' field, there is a smaller text area for 'Private Description'. The interface also shows a sidebar with various icons and a top navigation bar with 'View my shop' and a user profile icon.

1. Option to link an order in your payment. If it is enabled, when customer finish his/her payment, the order will be automatically created in your store.
2. Email that will be used as destination for the payment notification. As you can see, you dont need a registrated customer here, so you only need his/her email.
3. Firtsname and lastname of the customer. It will be used for the notification and basic identification of the customer.
4. Amount of payment. This amount in this king of payments is arbitrary, it is not necessary introduce here an order amount.
5. Currency used by the payment. If your shop has more than one currency you can select another one.
6. Public description of payment. This description will be shown to the customer in the email notification and payment screen as well. Use this field if you want to communicate something to the customer about the payment.



PrestaShop 1.7.5.0 Quick Access Search View my shop

Public Description

Description that will be visible to the customer when he/she make the payment

Private Description

1

Internal description, only visible by employees

\* Language of message English (English) 2

Select the language in wich will be sended the email to the customer.

\* Payment title you have an order payment pending 3 en

Cancel Generate payment req

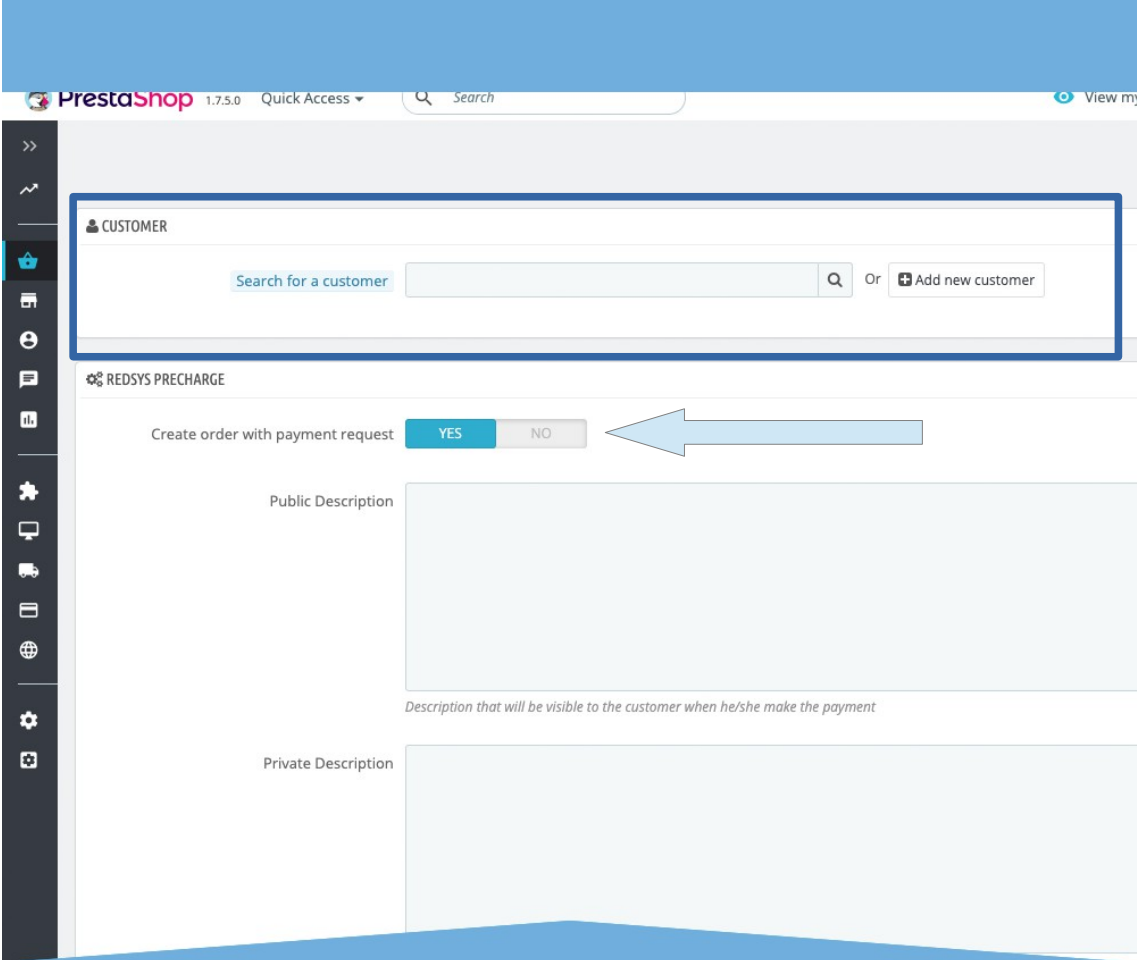
**PAYMENT WITHOUT LINKED ORDER CREATION**

1. Private description of payment. This description is only administrative and it is not shown to the customer or payment destination. Introduce here any information needed by the staff of your store about this payment.
2. Language of the notification that will be sent to the customer or payment destination. Notice that module has only templates for spanish and english emails. To have more templates you will have to create them by the email template functionality of Prestashop.
3. Payment title. This title will be the header of the email sent to the customer with this format: [customer firstname] [customer lastname] [payment title]. You can edit it in each of your store languages. It will be sent with the languages selected in the previous field.

When you click on “Generate payment request” you will have saved your new payment. Also, at the same time, an email notification will have been sent to the customer through the email you introduced. However, if you want to send again this email, you can click at the button “resend” in your payments list.

## Payment creation with order linked

Now we will introduce how to create a payment with a prestashop order vinculated to it. You will notice that this process is quite the same that the other payments but introducing a few new fields to configure the order. We will start with the same screen:



The screenshot shows the PrestaShop 1.7.5.0 interface. At the top, there's a header with the PrestaShop logo, version 1.7.5.0, and a search bar. Below the header, a sidebar on the left contains various icons. The main content area is titled 'CUSTOMER' and features a search bar with the placeholder 'Search for a customer' and a magnifying glass icon, followed by an 'Or' separator and a button labeled 'Add new customer'. Below this, there's a section titled 'REDSYS PRECHARGE' with a toggle switch for 'Create order with payment request' set to 'YES'. A blue arrow points to this toggle. Below the toggle, there are two text areas: 'Public Description' and 'Private Description'. The 'Public Description' area has a light blue background and a small text below it: 'Description that will be visible to the customer when he/she make the payment'. The 'Private Description' area also has a light blue background. At the bottom of the image, there's a blue banner with the text 'PAYMENT WITH LINKED ORDER CREATION'.

In this case, we will enable “Create order with payment request” option. When you do this, you will see new fields at the top of the screen. This new field is the first step to create a vinculated order. In this field, marked on the previous image, you have to search what customer you want to link with the order, like if this customer is doing the order. When you will have found a customer and selected him/her, the screen will turns like the image below.

**PrestaShop** 1.7.5.0 Quick Access Search View my shop

**CUSTOMER**

DEV FOURWEBS #3

test@4webs.es  
1994-11-29

1 Change 2

**CARTS** **ORDERS** 3

ID	Date	Total
34	2019-06-20 11:53:11	€34.75

Q Details Use

**CART**

Search for a product

Product	Description	4	Reference	Base price	Quantity	Price
! The prices are without taxes.						

Currency: Euro

Language: Español (Spanish)

**PAYMENT WITH LINKED ORDER CREATION**

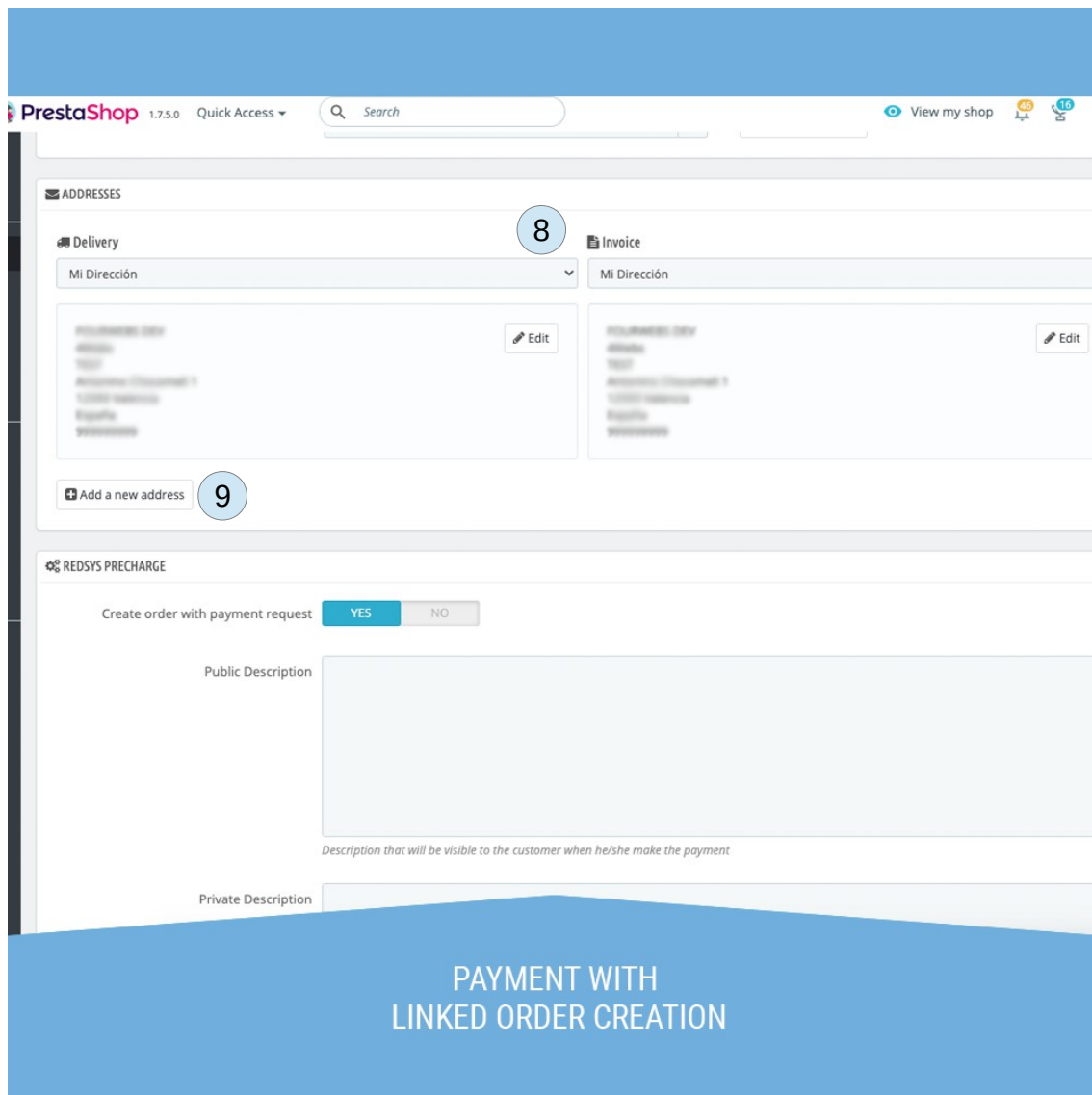
1. Here you can see the customer information. This information will appear in a pop-up window, so don't worry to lose all information introduced in this form..
2. If you see that selected customer is wrong, you can change it to another one with this option. At this point any notification was not sent to the customer so now you are in time to change it without risks.
3. In this area you have all carts and orders of the customer. You can use any cart or order of that customer to copy that cart or order to this one. You can even use a cart prepared by the customer on his/her account to be able to make this order without mistakes in the products. Don't forget that carts are managed by PrestaShop natively as well, so it will be interesting to check customer carts, modify them and use them for this vinculated order. Take advantage of PrestaShop carts managing.
4. Here you have the cart of the current order. If you selected a cart already created or an order, all of its products will be charged on this order. If you prefer to add them manually, you only need to search them by its name and add them to the cart. You can select how many units of that product you want and what combination of that product you need. You can even introduce a customization if that product needs it.

When you have filled last fields, we will continue with the payment with order vinculated with the next fields.

The screenshot shows the PrestaShop 1.7.5.0 checkout interface. The 'CART' section is active, displaying a search bar with 'hum' and a product dropdown showing 'Hummingbird - Vector graphics - €10.89'. The quantity is set to 1, with 'In stock 300' and an 'Add to cart' button. Below this is a table with columns: Product, Description, Reference, Base price, Quantity, and Price. A yellow warning banner states 'The prices are without taxes.' The 'Currency' dropdown is set to 'Euro' (marked with a blue circle 5), and the 'Language' dropdown is set to 'Español (Spanish)' (marked with a blue circle 6). The 'VOUCHERS' section has a search bar (marked with a blue circle 7) and an 'Add new voucher' button. The 'ADDRESSES' section shows a 'Delivery' address. The bottom of the page features a blue banner with the text 'PAYMENT WITH LINKED ORDER CREATION'.

5. Select here what currency will be used to create the vinculated order. Notice that products prices will change with the selected currency by the conversion rate.
6. Language of the order. Products name, carriers and vouchers can have different names in other languages.
7. If you want to add a voucher to the order you can search it here or add it. For voucher creation is used a pop-up window without losing any information of this payment.

We are almost done with the payment with order linked. Now we will explain the last fields of the order.



8. In this area you can select what customer address use for this order. Like if customer is doing the order, you have to select delivery address and invoice address. If you need it you can modify these addresses. If you want to modify them, a pop-up window will appear avoiding to lose any information..
9. If you need to create another address you can use this button. A Pop-up window is used to create a new address.

With this we already finish our linked order but there are some fields that we have to keep in mind before we saved our payment. We will see it on the image below.

PrestaShop 1.7.5.0 Quick Access Search View my shop

REDSYS PRECHARGE

Create order with payment request YES NO

Public Description

Description that will be visible to the customer when he/she make the payment

Private Description

Internal description, only visible by employees

\* Order State Payment accepted 1  
Select order state for the order when it is created.

\* Language of message Español (Spanish)  
Select the language in wich will be sende the email to the customer.

\* Payment title you have an order payment en

PAYMENT WITH LINKED ORDER CREATION

As you can see on this area some fields disappear when you checked “Create order with payment request” option. A new field has appear as well. Amount, firstname, lastname and customer email have disappear. The reason is because amount in this case is the total amount of the customer cart. And the customer name and email are in fact the name and email of the order customer in fact.

Notice that public description and private description are still recommended, like we already explained in the previous chapter of this manual.

However, you have to check the marked field (1). You will need this field to know in what order state will be create the order when its customer have finished the payment. You may be interested in changing this field if you want to change that the order will be created with “pending” order states for example.



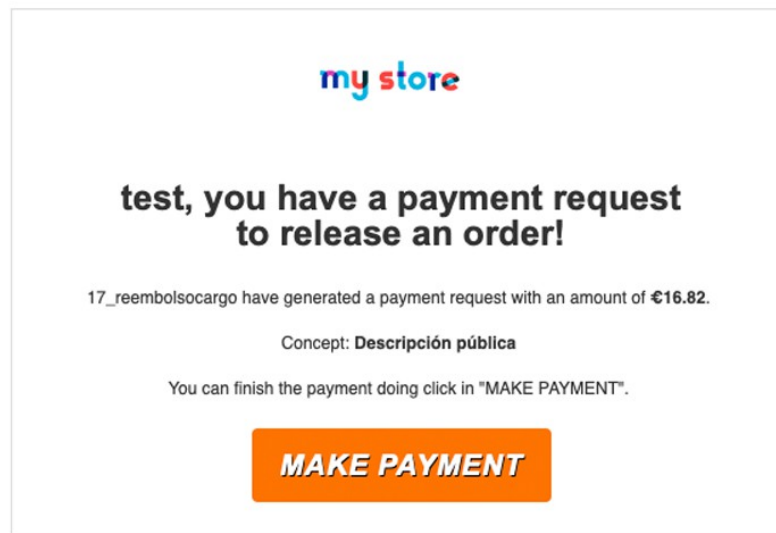
With this you have finish the creation process of payment with order linked. If you click on "Generate payment request", payment will be saved, and will be sent the notification email with all steps to finish the payment. Remember that you can send again this email clicking in "Resend" in your payments list.

If you want to cancel payment creation, you can click on "Cancel" button. Notice that cart that you used in this form is saved on each changed. So you can use it in other payments of that customer.

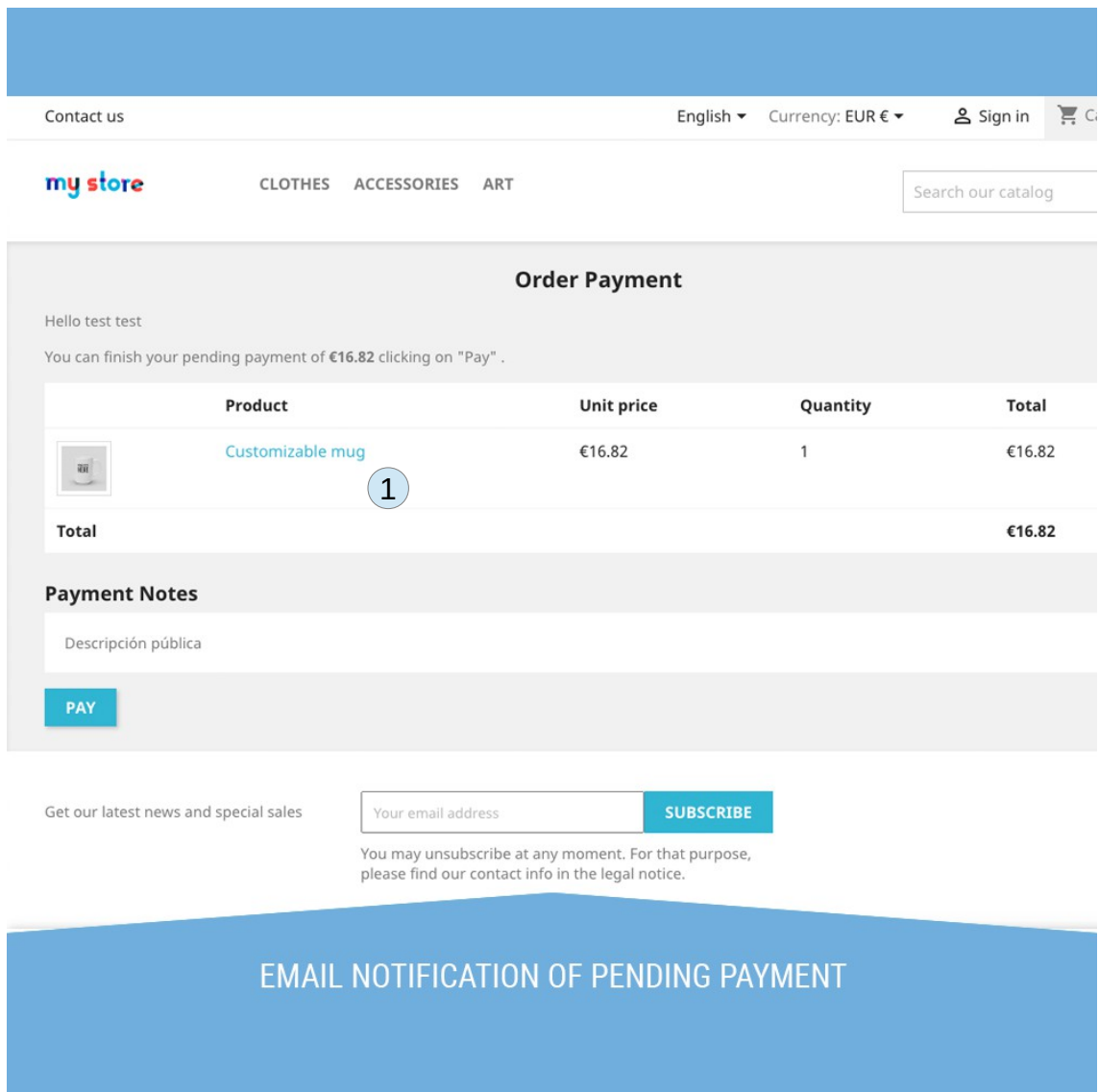
Once you create your payment, customer will receive his/her notification of pending payment. To be able to understand how customer has to finish the payment we will show you the entire process of finishing a payment.

## Customer payment process

Notification was sent to customer once we created a payment. This email will be like the image below:



In this mail you can see your store logo. Moreover, will be used the title you introduced, in the language you selected before. Likewise, you can see payment public description, without show private description. Once customer has clicked on link "MAKE PAYMENT", customer will be sent to the next screen.



In this screen customer can see all the information about pending payment. It shows firstname, lastname, and amount.

If payment has an order linked to it, it will show the cart used by this order on the marked area (1), with links to the ordered products. If it has not an order linked, this area will not appear.

You can see public description as well for a better information to the customer.

Once customer clicked on "Pay", module will sent customer to the Redsys payment gateway like the image below shows.

Select your language **English**

1 Choose payment method

2 Checking authentication

3 Authenticating card

4 Transaction result

### Payment details

Amount	16,82 €
Merchant	Equipeamento para a Saúde, Lda
Terminal	0000000000000000
Order	0000000000000000
Date	10/07/2020 10:04

### Payment by Card

Card Number

Expiry Date

Security Code

?

Cancel

Accept

**ServiRed**

**VISA**

**mastercard**  
ID Check

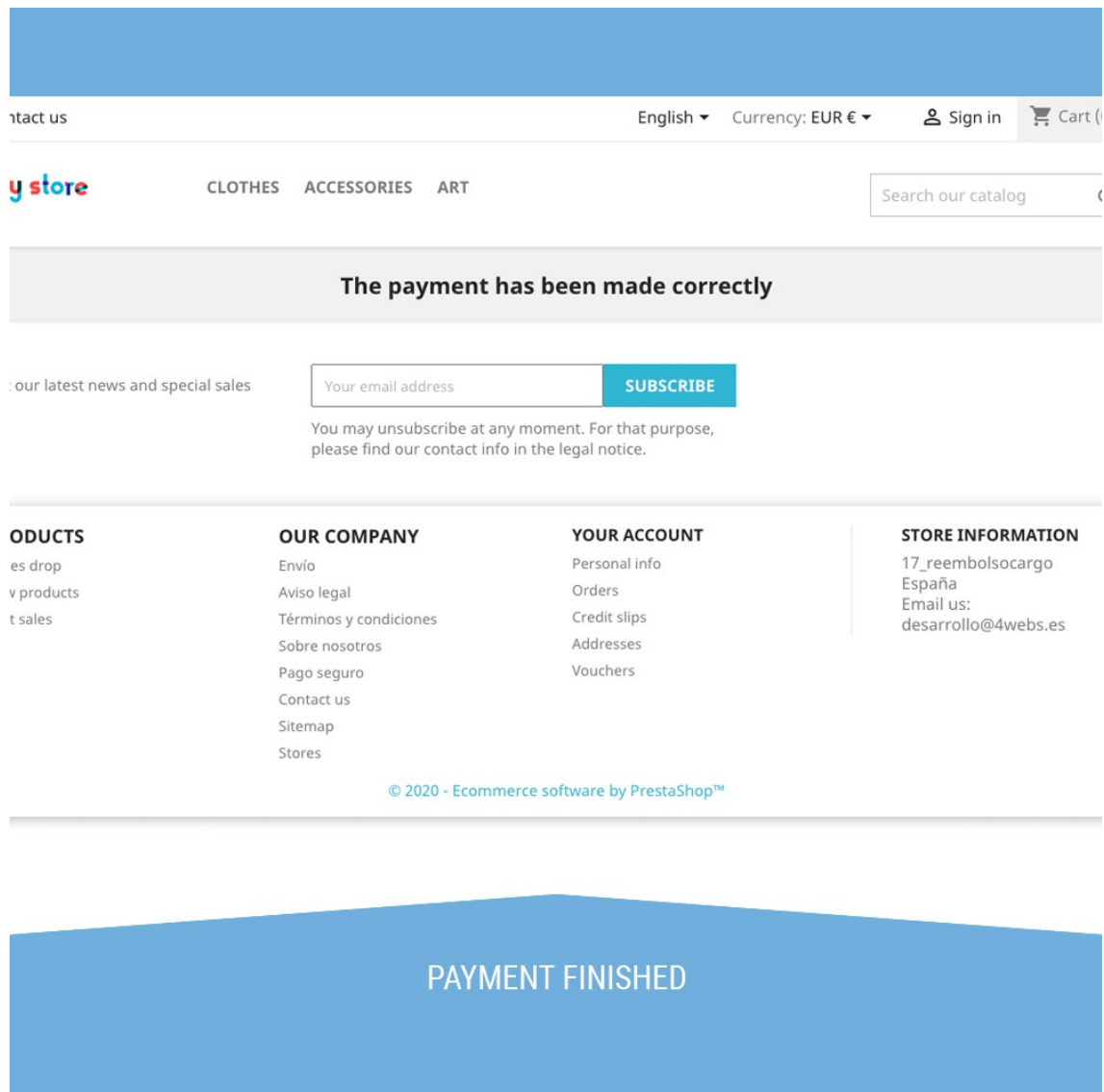
Powered by **Redsys**

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## PAYMENT GATEWAY

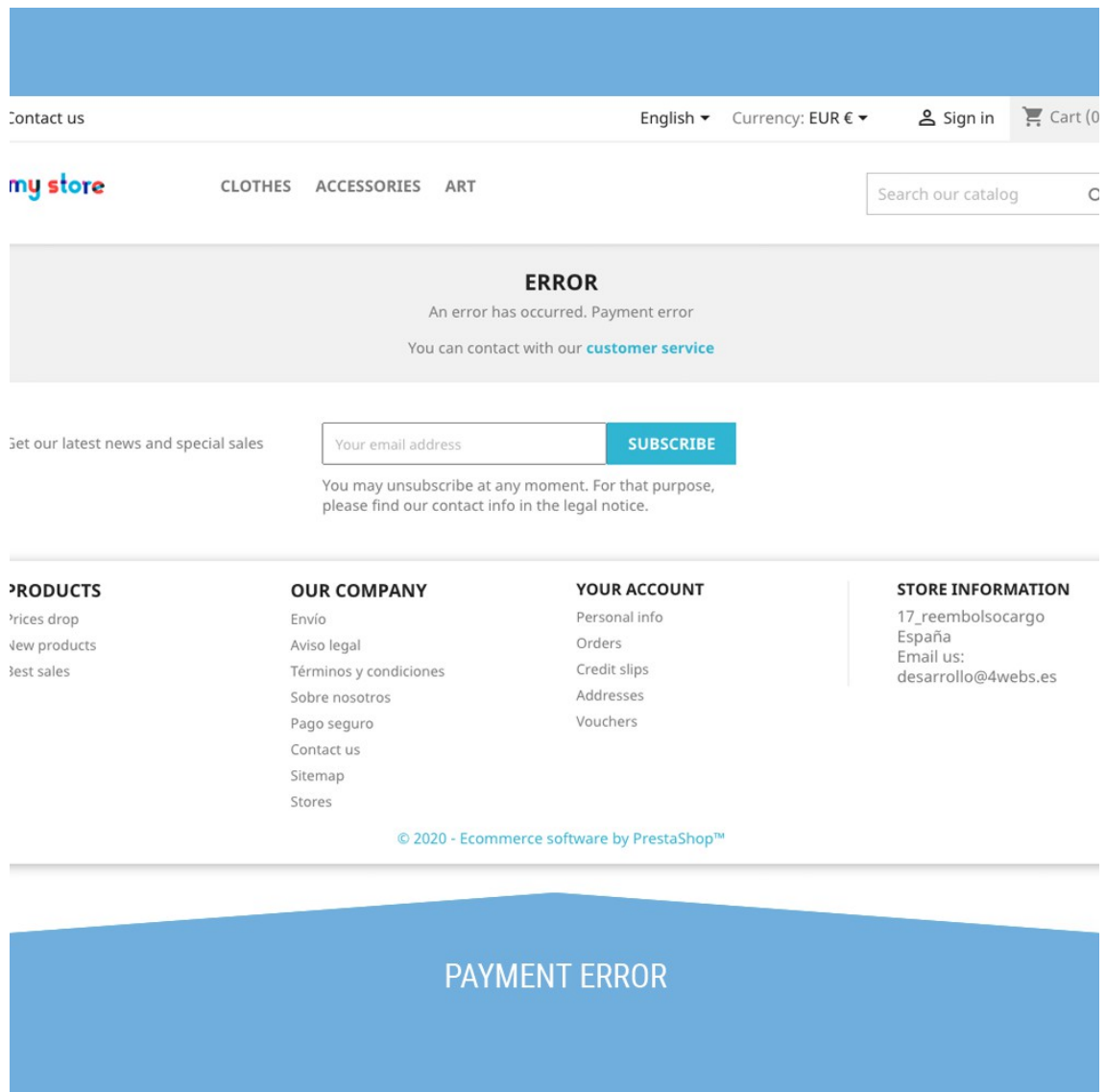
This screen shows payment amount, commerce that is requesting the payment and current date. Here, customer has to introduce credit card data to finish the payment. Once filled all requested information and accepted, customer will can return to the store to validate the payment. At this moment your store will check all the information Redsys sent to your store, and if all is correct, it will show a message describing if process is correct. On next images you can see all results.

Payment screen with process finished succesfully:



It shows a message telling that payment is finished successfully, allowing customer to stay in the store in case they need something else.

In case that payment obtained an error, module will show the next screen.



It shows that an error was happen when trying to finish the payment. Also, it shows a link to the contact page of the store to allows customer to send a message to the staff of the store and obtain support.

In case that payment was finished correctly you will notice that payment has changed in your payment list as we show in next screen.



## Redsys Pre Orders

REDSYS PRE ORDERS 2

--

From

From

--

Q Search

6Jonh Doetest@4webs.es€45.9907/09/2020

Resend

PAY PENDING

Q View

1

000201904ufYtest testjoseramon@4webs.es€16.8207/07/202007/09/2020

PAYED




2

3

Q View


Bulk actions


**PrestaShop** 1.7.5.0 Quick Access


View my shop   


## Orders

Add new order Recommended Modules


















**Conversion Rate**  
 30 DAYS  
**4.69%**


**Abandoned Carts**  
 TODAY  
**0**


**Average Order Value**  
 30 DAYS  
**€16.01**


**Net Profit per Visit**  
 30 DAYS  
**€0.42**

ORDERS (40)

ID	Reference	New client	Delivery	Customer	Total	Payment	Status	Date	PDF	
<input type="checkbox"/>	40	GAGRCDDVN	No	España	t. test	€16.82	TPV redsys	Payment accepted	07/09/2020 17:17:25	 
<input type="checkbox"/>	29	ZVWQCESLU	No	España	F. DEV	€58.91	Contra reembolso	--	06/12/2019 17:42:50	
<input type="checkbox"/>	28	QXKIEMTUN	No	España	F. DEV	€45.17	Contra reembolso	--	06/12/2019 17:41:03	
<input type="checkbox"/>	27	MMVFECFDM	No	España	t. test	€67.38	Contra reembolso	Payment accepted	06/12/2019 16:07:35	 
<input type="checkbox"/>	26	APPKOZZW	Yes	España	t. test	€107.74	Contra reembolso	--	06/12/2019 15:58:48	
<input type="checkbox"/>	25	CLVOIUAV	No	España	F. DEV	€34.15	Contra reembolso	Payment accepted	06/12/2019 14:03:30	 
<input type="checkbox"/>	24	HPXIRYBGI	No	España	F. DEV	€34.15	Contra reembolso	Payment accepted	06/12/2019 13:34:56	 
<input type="checkbox"/>	23	IPXRTFWSE	No	España	F. DEV	€46.10	Contra reembolso	--	06/12/2019 13:33:07	
<input type="checkbox"/>	22	ZQLGQXFDG	No	España	F. DEV	€46.10	Contra reembolso	Payment accepted	06/05/2019 10:44:51	 
<input type="checkbox"/>	21	VOAWNOWUP	No	España	F. DEV	€46.10	Contra reembolso	Payment accepted	06/05/2019 10:30:56	 

PAYMENT WILL BE CREATED WITH ALL DETAILS OF THE PAYMENT

This payment has been generated as you configured it when creation the payment and the order linked to it. Products, customizations, customer, addresses, carriers and vouchers will being on this order that, in fact, has the order state you marked before.

## Developers notes

This module not modifies any controller or interfere on any critical process of Prestashop.



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