

# Refund or Reverse Payment

This API allows your application to refund payment from your order

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## Endpoint

```
POST https://demo-api.frontpayment.no/api/v1/connect/terminal/orders/refund/{{ORDER_UUID}}
```

## Authorization

Include a **Bearer Token** in the `Authorization` header. You can obtain this token from **Front Payment**.

### Example:

```
Authorization: Bearer YOUR_FRONTPAYMENT_BEARER_TOKEN
```

## Request Payload

Send the following parameters as a JSON object in the request body:

```
{
  "type": "regular",
  "grandTotal": 42,
  "products": [
    {
      "id": 12,
      "amount": 42
    }
  ],
  "isReversal": false
}
```

## Validation Rules

Make sure your request meets the following requirements:

Field	Type	Description
<code>type</code>	<code>string</code>	<b>Required</b> Using type. Available type is <code>regular</code>
<code>grandTotal</code>	<code>numeric</code>	<b>Required</b> Grand total of the refunded amount.
<code>products.*id</code>	<code>numeric</code>	<b>Required</b> Order product id. From which product you want to refund.
<code>products.*.amount</code>	<code>numeric</code>	<b>Required</b> Refund amount for the product.
<code>isReversal</code>	<code>boolean</code>	If you want to Reverse the payment then set <code>true</code> otherwise set <code>false</code>

## Response

A successful request will return a `202 OK` status with the following JSON payload:

```
{
  "status_code": 202,
  "status_message": "OK",
  "message": "terminalOrderRefundRequestSuccessfully",
  "is_data": false,
  "data": null
}
```

## Error Response

API returns a `404` error, it means requested order with `ORDER_UUID` could not be found in our system.

```
{
  "status_code": 404,
  "status_message": "Not Found",
  "message": "orderNotFound",
  "is_error": false,
  "errors": null
}
```

API return a `417` error, it means request payload validation failed.

```
{
  "status_code": 417,
  "status_message": "Client Error",
  "message": "payloadValidationErrors",
  "is_error": true,
  "errors": "Array"
}
```

API returns a `510` error, it means something failed on the server side

```
{
  "status_code": 510,
  "status_message": "Execution Exception Occurred",
  "message": "somethingWentWrong",
  "is_error": true,
  "errors": "Array"
}
```

## Others refund rejections errors

```
{
  "status_code": 400,
  "status_message": "Conflict of Business Logic",
  "message": "requestProductIdNotAvailable",
  "is_data": false,
  "data": null
}
```

```
{
  "status_code": 400,
  "status_message": "Conflict of Business Logic",
  "message": "refundRejectionForProductAmountExceed",
  "is_error": true,
  "errors": "Array"
}
```

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