

Forbidden Discounts on Products and Categories



Forbidden Discounts on Products and Categories Version 19.0.1.0.0 English

Mark a product, a variant or a whole product category as *discount forbidden*, and Odoo stops discounting it - on quotations, sales orders, customer invoices, credit notes and at the Point of Sale.

Overview

Every catalogue holds products that must leave the shop at their exact price: gift cards, newspapers, prescription items, fuel, franchise-priced references, loss leaders sold at cost. Odoo has no notion of such a product: a salesperson may type 10 in the Discount cell, a pricelist may take 20% off, and a promotion sweeps the whole basket.

This module adds that notion, and enforces it at the four places a price can drop:

- the **Discount** cell of a sales order line or an invoice line,
- the **% key** of the Point of Sale numpad,
- the **pricelists**,
- the **promotions, coupons, discount codes and loyalty programs**.

Nothing is blocked until you make a decision: every level defaults to *Inherit*, so installing the module on a live database changes nothing.

Requirements

- **Sales** (`sale_management`), **Invoicing** (`account`) and **Point of Sale** (`point_of_sale`).
- The **Loyalty** bridges `sale_loyalty` and `pos_loyalty`. Both auto-install as soon as the Loyalty application is present, and this module has to be loaded after them to neutralise their discount computations - which is why they are listed as dependencies even if you do not run promotions today.
- A Chrome or Chromium binary on the server, if you intend to run the Point of Sale test tour shipped with the module.

Configuration

Protect a category

Go to *Inventory* -> *Configuration* -> *Product Categories* (the same menu exists under *Sales*), open the category to protect, and in the **Discount Restriction** section set **Discount Policy** to *Discount forbidden*.

Every product of that category and of every sub-category below it is protected immediately - the products created tomorrow included. A category left on *Inherit* follows its parent, and a category at the root of the tree with no decision of its own allows discounts, like before.

"Immediately" means everywhere the server computes a price: quotations, sales orders, invoices, pricelists and promotions. A register already open keeps working on the catalogue it holds until its next session - see [Publishing a policy change to the register](#).

Protect a single product

Open a product, *General Information* tab, next to the sales price and the category: **Discount Policy**.

- *Inherit* (default): follow the product category.
- *Discount forbidden*: protect this product whatever its category says.
- *Discount allowed*: lift a restriction inherited from the category.

Protect a single variant

On a product variant, the same choice is available as **Variant Policy**, and takes precedence over the product. The 5 kg bag can be protected while the 500 g one is not.

The resulting value is displayed read-only right below, as **No Discount**: that is the answer the whole system uses.

How the answer is resolved

The three levels hold the same choice, and the most specific decision wins:

```
variant policy      -> forbidden / allowed / inherit
  product policy    -> forbidden / allowed / inherit
    category policy -> forbidden / allowed / inherit
      parent category -> ... up to the root, then "allowed"
```

Note

Moving a category under a protected parent, or changing the category of a product, re-resolves everything below automatically. There is nothing to recompute by hand.

Choose the scope

Sales -> Configuration -> Settings -> Pricing holds two options, both enabled by default:

- **Pricelists Cannot Discount Protected Products**
- **Promotions Cannot Discount Protected Products**

Turn one off to keep only the manual discount blocked. The manual discount is always blocked: that is what the module is for.

Grant the access right

Deciding that a product may never be discounted is a pricing decision. The **Discount Restrictions** access right controls who may make it, and is granted on install to **Sales Managers** and **Point of Sale Administrators**.

Outside that group the policy fields are not displayed at all, are stripped from the data read over RPC, and are refused on write - including through an import or a server action. The resolved *No Discount* value stays readable by everyone, because every enforcement point needs it.

To grant it to somebody else, go to *Settings -> Users & Companies -> Users*, open the user and set **Discount Restrictions** in the Sales section.

Daily Workflow

On a quotation or a sales order

The Discount cell of a protected line is read-only, on the list and on the line detail. If a view of your own still lets the value be typed, it is reset to zero with a message naming the product.

A discount reaching the database another way - an import, a server action, a call from another module - is refused with:

No discount can be applied on "<product>": this product is protected against discounts.

Changing the product of a line that already carries a discount clears the discount instead of raising an error: the salesperson is still building that line.

Note

A *negative* discount, which raises the price, is still allowed. The module removes reductions, it does not freeze the price.

With the Discount button

The **Discount** button of the sales order behaves as follows:

- *On All Order Lines*: the percentage is written on every line except the protected ones, and a notification lists the products that kept their price.
- *Global Discount and Fixed Amount*: the discount line is computed on the rest of the order, so the protected products are not part of what is given away.

On a customer invoice

Same rule on customer invoices, credit notes and receipts. Vendor bills are untouched: what a supplier grants you is your margin, and blocking it would make the bills of the very products you refuse to discount unusable.

At the Point of Sale

Select a protected line and the **%** key of the numpad is greyed out. The line carries a discreet *No discount* badge, so the cashier knows the key is dead on purpose rather than broken. The badge never reaches the customer receipt.

If a discount still arrives - a barcode rule, an order restored from an offline register, another module - it is clamped to zero silently, and the order is checked one last time when it reaches the server.

Publishing a policy change to the register

Warning

A policy change is not visible at the register straight away. The Point of Sale works on its own copy of the catalogue, which the browser keeps between sessions. A product already held in that copy keeps the value it was loaded with, so a protected category can be perfectly correct on the sales order and still leave the **%** key active at the register.

The reliable way to publish a change - and the one to write into your own procedure - is to **close the register and open a new session**. The new session reads the catalogue from the server, and every product comes back with the policy in force.

Inside a session already open, reload the register page and then look the product up through **Search More**: that search goes to the server and brings the product back with its current policy. It refreshes the products it returns, not the whole catalogue, so use it to check one reference, not to roll out a change over a whole category.

This is the same delay as a price change or a new product, and it applies whichever level you changed - category, product or variant.

With a pricelist

A pricelist rule that would take the price of a protected product **below** its sales price is ignored, and the sales price applies. A rule that **raises** the price still applies: counter, tourist and surcharge pricelists keep working.

The reference price is the product's own sales price, converted into the currency and the unit of measure of the pricelist, so a foreign-currency pricelist keeps converting normally.

With promotions and loyalty

Protected products are removed from the base of every discount reward:

- "10% off the order" is computed on the rest of the basket.
- "50% off the cheapest product" skips the protected lines and lands on the next one.
- A reward listing specific products applies to those that are not protected.
- A reward worth nothing once the protected lines are out is refused by Odoo with *"There is nothing to discount"*, which is the right message for the salesperson.

Two things are deliberately left alone:

- **Points are still earned** on protected products - the customer did spend that money.
- **Gift cards and eWallets still pay** for protected products - handing over a gift card is a payment, not a discount. Free product rewards are untouched for the same reason: they give a product away, they do not change the price of the protected one.

Troubleshooting

I do not see the Discount Restriction fields.

Your user is not in the *Discount Restrictions* group. Ask an administrator to grant it (*Settings -> Users & Companies -> Users*, Sales section).

A protected product is still discounted at the register.

In nine cases out of ten the restriction is correct and the register is running on the copy of the catalogue it already had. Check the product on a quotation first: if the Discount cell is read-only there, the policy is right and only the register is behind. Close the session and open a new one, or reload the register page and fetch the product through *Search More*.

If the quotation lets the discount through as well, the policy itself is not what you expect: open the variant and read the *No Discount* value, which is the answer the whole system uses.

A pricelist still lowers the price of a protected product.

Check *Sales -> Configuration -> Settings -> Pricing*: **Pricelists Cannot Discount Protected Products** may have been turned off. Check also the variant policy, which may be set to *Discount allowed* and wins over the product and the category.

A promotion still discounts a protected product.

Check the second setting, **Promotions Cannot Discount Protected Products**. If the reward is a *gift card* or an *eWallet* payment, or a *free product*, the behaviour is intended: those are not discounts.

An import fails with “No discount can be applied on ...”.

The file carries a discount on a protected product. Either remove it from the file, or set the product - or its variant - to *Discount allowed* if the restriction no longer applies.

Technical Notes

The module adds no new model. It adds a policy field and a resolved boolean on `product.category`, `product.template` and `product.product`, and two settings on `res.company`.

The restriction is enforced server-side, so it holds whatever the client:

- `product.pricelist.item._compute_price` floors the price - every price computation in Odoo goes through it;
- `sale.order.line._compute_discount` and a constraint on the line;
- a constraint on `account.move.line` for sales documents;
- `sale.order._get_reward_values_discount` for the rewards;
- `sale.order.discount` for the Discount button;
- `pos.order.line` at order sync.

The Point of Sale mirrors the pricelist floor and the reward exclusion client-side, so the register shows the same prices offline as the server records online.

Support

- Email: odoo@natimai.solutions
- Website: <https://www.natimai.solutions>

Support requests are answered within 24 hours. A free test database can be requested at the same address, answered within 48 hours.