Hikashop Shipping Plugin With Extra Features

plg_hikashopshipping_bfextrafeatures

1. Overview

Using this plugin you can create multiple Hikashop shipping methods with additional criteria in addition to the built-in Hikashop restrictions.

- **Enhanced Postcode Handling**
  Initially developed for use with UK postcodes it can also be used (or extended) to cater for other postcode formats. In some cases it maybe easier to configure than built-in Hikashop postcode handling.

- **Customer Selectable Delivery Dates**
  Depending on the shipping methods available for a customers postcode they can then select from a range of available delivery dates (including same day).

- **Enhanced Price Restrictions and Shipping Method Prices**
  If you have 8 delivery options each with 3 order value tiers then without this plug-in you will have to configure 24 shipping methods. With this plug-in you only need 8 shipping methods.

- **Order Item Product Shipping Method Restrictions**
  Shipping methods can be restricted according to order item product categories.

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1.1 Example Shipping Method Listings

Key features are illustrated in following Hikashop shipping method listings.
Note that the shipping methods are processed in the order listed (Hikashop feature).

1.1.1 Example Shipping Method Listing (Using Delivery Dates)

Name	Price	Restrictions
Portsmouth Sameday (Central)		Postcode type : United Kingdom PO[1-5]_ Mon Tue Wed Thu Fri Latest order time : 11:59 No deliveries Christmas or New Year No deliveries August Bank Holiday No deliveries Easter 2024, 2025
Portsmouth Sameday (Outer)	£ 5.00	Postcode type : United Kingdom PO[6-9]_ PO[1-2][0-9]_ Mon Wed Fri Latest order time : 11:59 No deliveries Christmas or New Year No deliveries August Bank Holiday No deliveries Easter 2024, 2025
Portsmouth Sameday (Isle of Wight)	£ 10.00	Postcode type : United Kingdom PO3[0-9]_ Tue Thu Latest order time : 11:59 No deliveries Christmas or New Year No deliveries August Bank Holiday No deliveries Easter 2024, 2025
Portsmouth Anyday		Postcode type : United Kingdom PO
Elsewhere (except Scottish Islands and Highlands)	£ 2.00	Postcode type : United Kingdom ! AB3[1-8]_ AB4[1-5]_ AB5[5-6]_ HS[1-9]_ KW1[5-7]_ PA[2-6][0-9]_ PA7[0-8]_ PH19_ PH[2-9][0-9]_ FK1[789]_ FK2[178]_ PH1[5-8]_ IV KW ZE Ignore method if postcodes previously matched
Scottish Islands and Highlands	£ 20.00	Postcode type : United Kingdom Ignore method if postcodes previously matched

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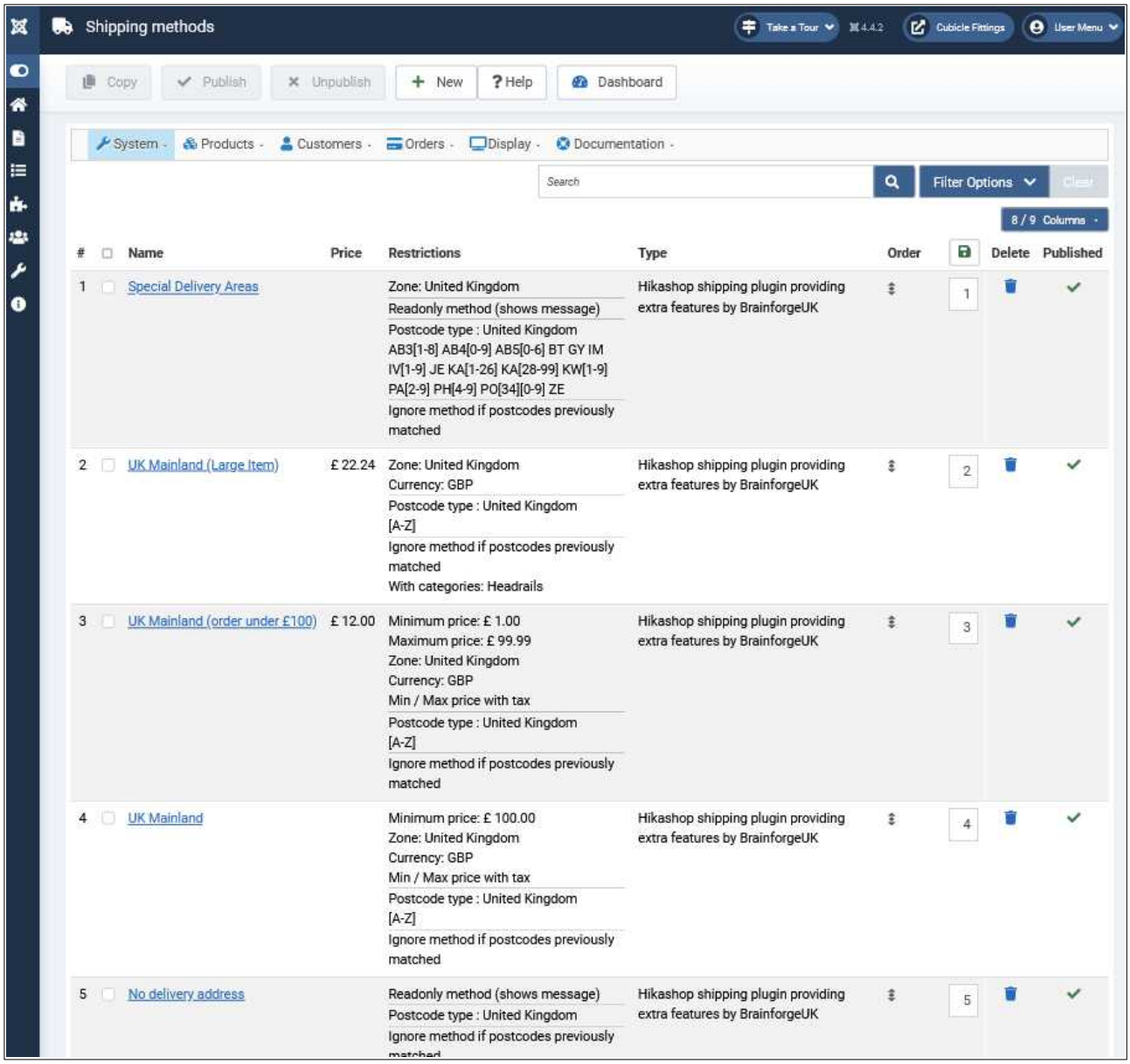
1.1.1 Example Shipping Method Listing (Advance Features)



#	Name	Price	Restrictions	Type	Order	Delete	Published
1	Special Delivery Areas		Zone: United Kingdom Readonly method (shows message) Postcode type : United Kingdom AB3[1-8] AB4[0-9] AB5[0-6] BT GY IM IV[1-9] JE KA[1-26] KA[28-99] KW[1-9] PA[2-9] PH[4-9] PO[34][0-9] ZE Ignore method if postcodes previously matched	Hikashop shipping plugin providing extra features by BrainforgeUK	1		
2	UK Mainland (Large Item)	£ 22.24	Zone: United Kingdom Currency: GBP Postcode type : United Kingdom [A-Z] Ignore method if postcodes previously matched With categories: Headrails	Hikashop shipping plugin providing extra features by BrainforgeUK	2		
3	UK Mainland (order under £100)	£ 12.00	Minimum price: £ 1.00 Maximum price: £ 99.99 Zone: United Kingdom Currency: GBP Min / Max price with tax Postcode type : United Kingdom [A-Z] Ignore method if postcodes previously matched	Hikashop shipping plugin providing extra features by BrainforgeUK	3		
4	UK Mainland		Minimum price: £ 100.00 Zone: United Kingdom Currency: GBP Min / Max price with tax Postcode type : United Kingdom [A-Z] Ignore method if postcodes previously matched	Hikashop shipping plugin providing extra features by BrainforgeUK	4		
5	No delivery address		Readonly method (shows message) Postcode type : United Kingdom Ignore method if postcodes previously matched	Hikashop shipping plugin providing extra features by BrainforgeUK	5		

The *Readonly method (shows message)* feature allows you to display a sensible message to the user instead of a shipping method. For instance:

- **Special Delivery Areas** (e.g. not UK mainland & Scottish Highlands).
  Please contact us to arrange delivery and price for delivery.
- **No Delivery Address**
  Delivery price will be calculated after delivery postcode entered.

The *With categories* feature allows you to only enable that shipping method when the order contains items for products belonging to that product category. The order can also contain items for products belonging to other product categories.

Not illustrated is the *Without categories* feature which allows you to disable a shipping method when the order contains items for products belonging to that product category.

1.2 Installation Summary

- Install and enable this Hikashop shipping plugin.
  plg_hikashopshipping_bfextrafeatures
- If required install and enable one or more postcode handling plug-ins.
  plg_hikashopbfpostcodes_shippingnetherlands
  plg_hikashopbfpostcodes_shippingunitedkingdom
- If required install and enable the delivery date plugin.
  plg_hikashop_bfdeliverydates
  - You may also require one or more of the following.
    plg_hikashop_bfdeliverydateslocker
- If using the delivery date plugin create a delivery date Hikashop custom field on the *order* table.
- Create one or more Hikashop shipping methods using this shipping plugin.

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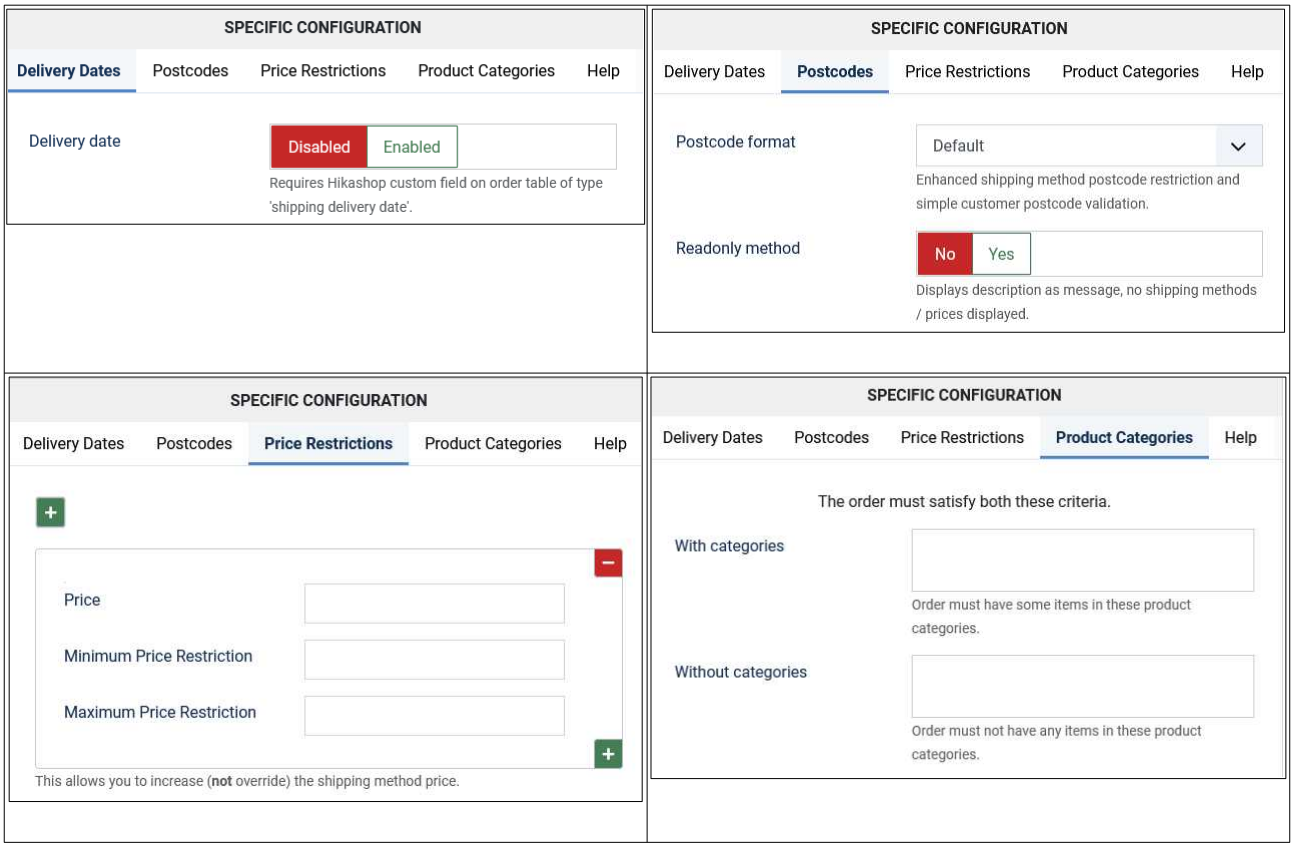
2. Specific Configuration

2.1 Basic

Without any specific configuration the plugin processes the Hikashop generic configuration and restrictions (i.e. same as the Hikashop Manual Shipping plugin).

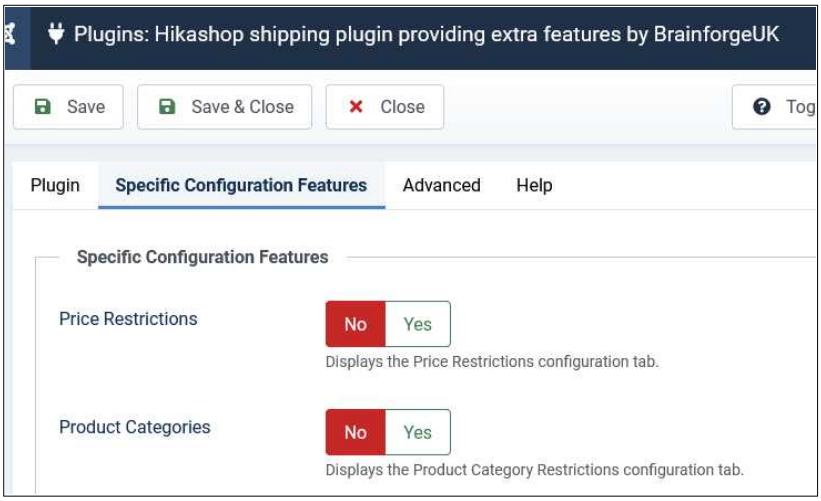


The *Delivery date* option is only available when the separately available Hikashop plugin *plg_hikashop_bfdeliverydates* is installed, enabled and the corresponding delivery date Hikashop custom field type configured on the *order* table.

The *Postcode format* option is only available when one or more of the separately available Joomla plug-ins of type *plg_hikashopbfpostcodes* are installed, and enabled.

The *Price Restrictions* feature is available when enabled in the plug-in options.

The *Product Categories* feature is available when enabled in the plug-in options.



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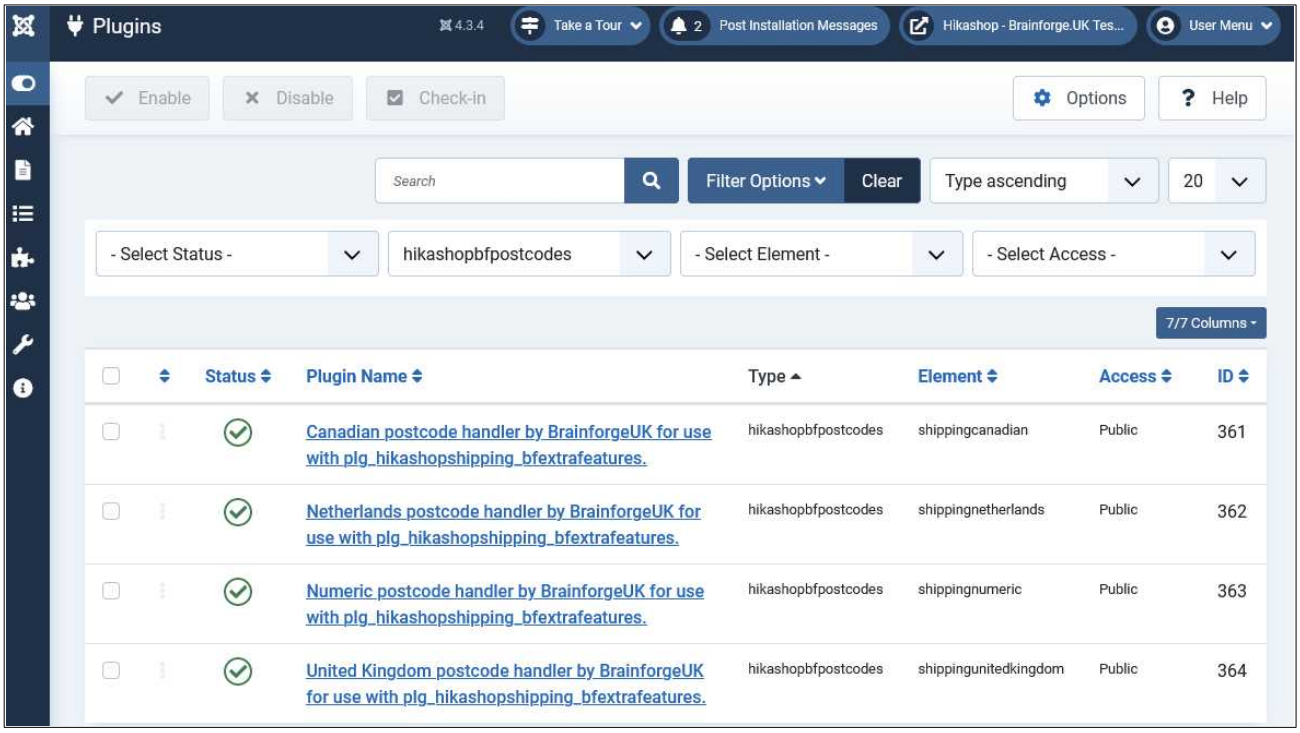
2.1.1 Supplied Postcode Formats

Most sites will only require one of the examples listed to be installed and enabled.
Other postcode formats available on request. Please contact us for further information.

These examples provide simple customer entered postcode format validation. This will detect where an O (letter) has been entered instead of a 0 (zero). Please contact us if you wish to use a database of all valid postcodes or postcode areas.



2.1.2 Valid Postcode Field Format (applies to all postcode formats)

Enter into this field a space separated list of postcodes (or first part thereof i.e. the area identifier).

Postcodes can be entered either as several on one line (space separated) or singly one on each line.

Regular expressions can be used to define valid postcodes.

Spaces in these postcodes can be included as underscore ('_').
For example in the United Kingdom PO1 1AA must be entered as PO1_1AA.

Comment lines can be included in the valid postcode list, the first character must be a hash (#).

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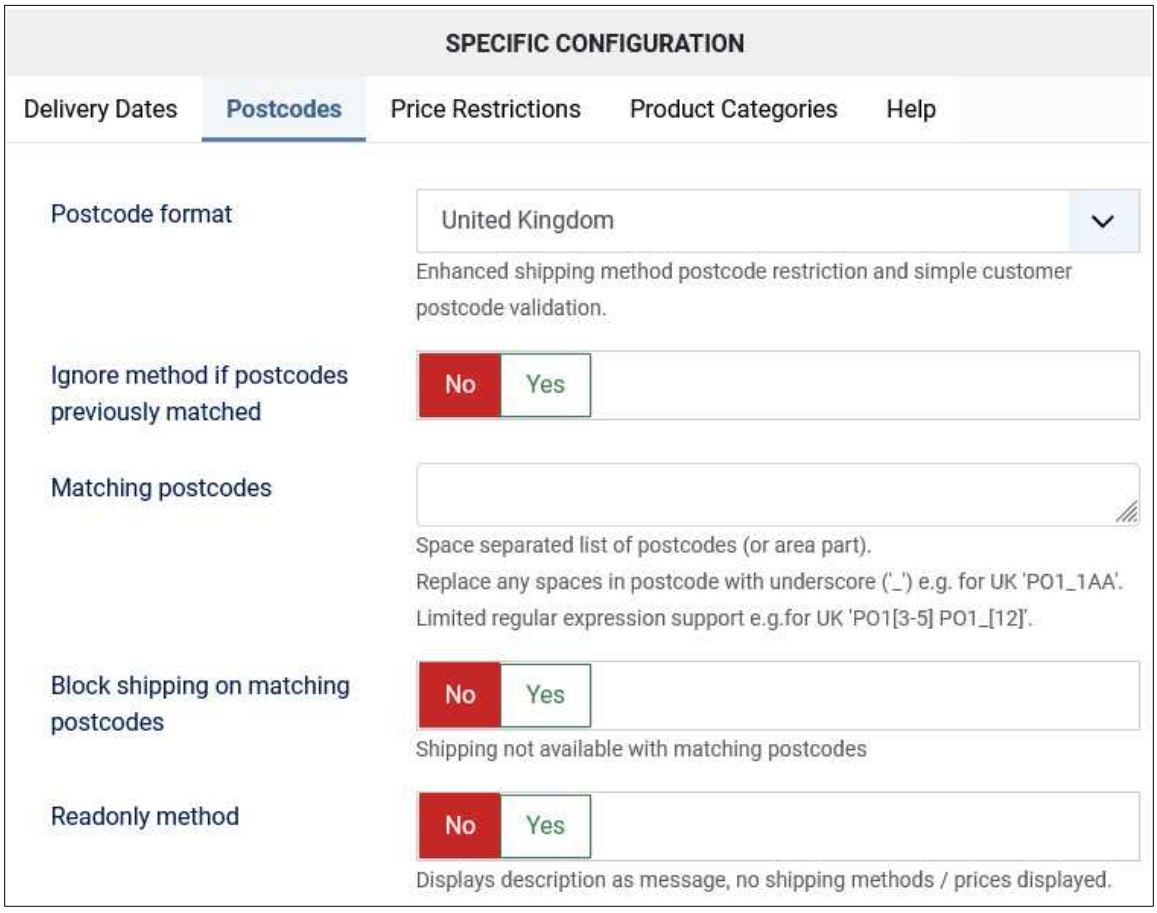
2.1.3 Read-only shipping method

This feature allows you to display a message instead of a shipping method / price.
Some scenarios where this feature might be useful are illustrated below.

2.1.3.1 Cart displayed before the delivery address has been entered.



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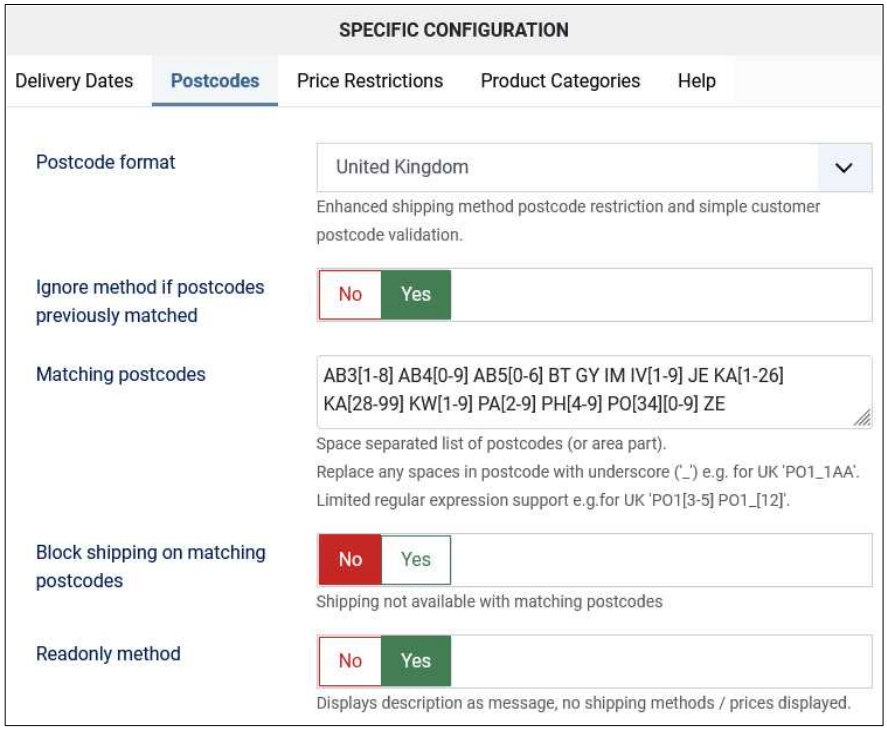
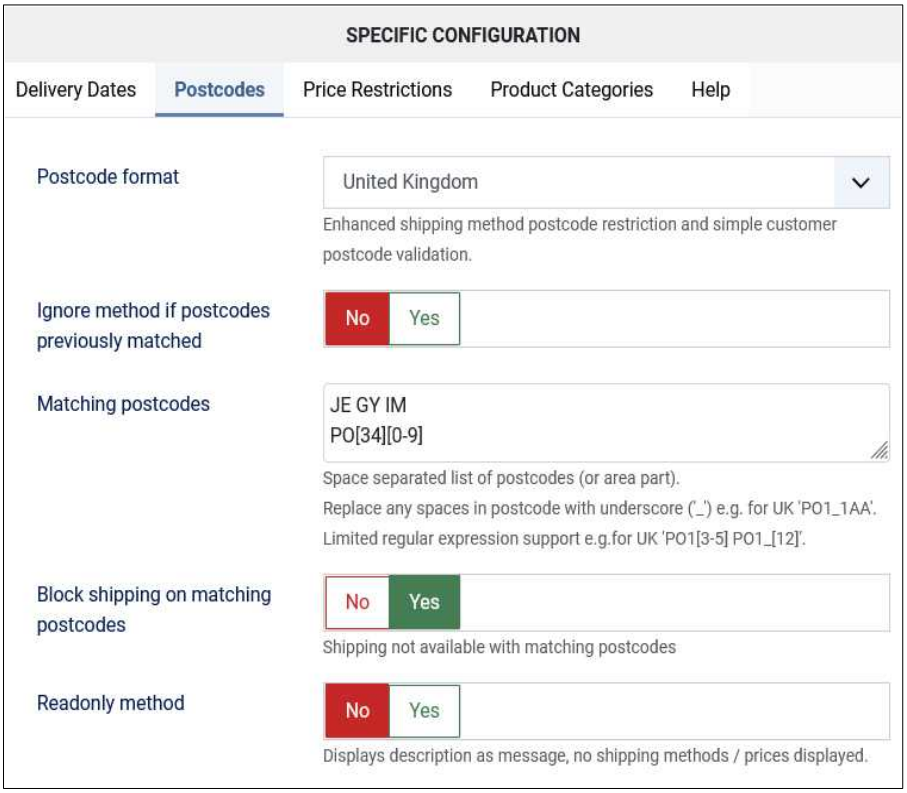
2.1.3.2 Special delivery arrangements apply (e.g. Scottish Highlands and Islands).

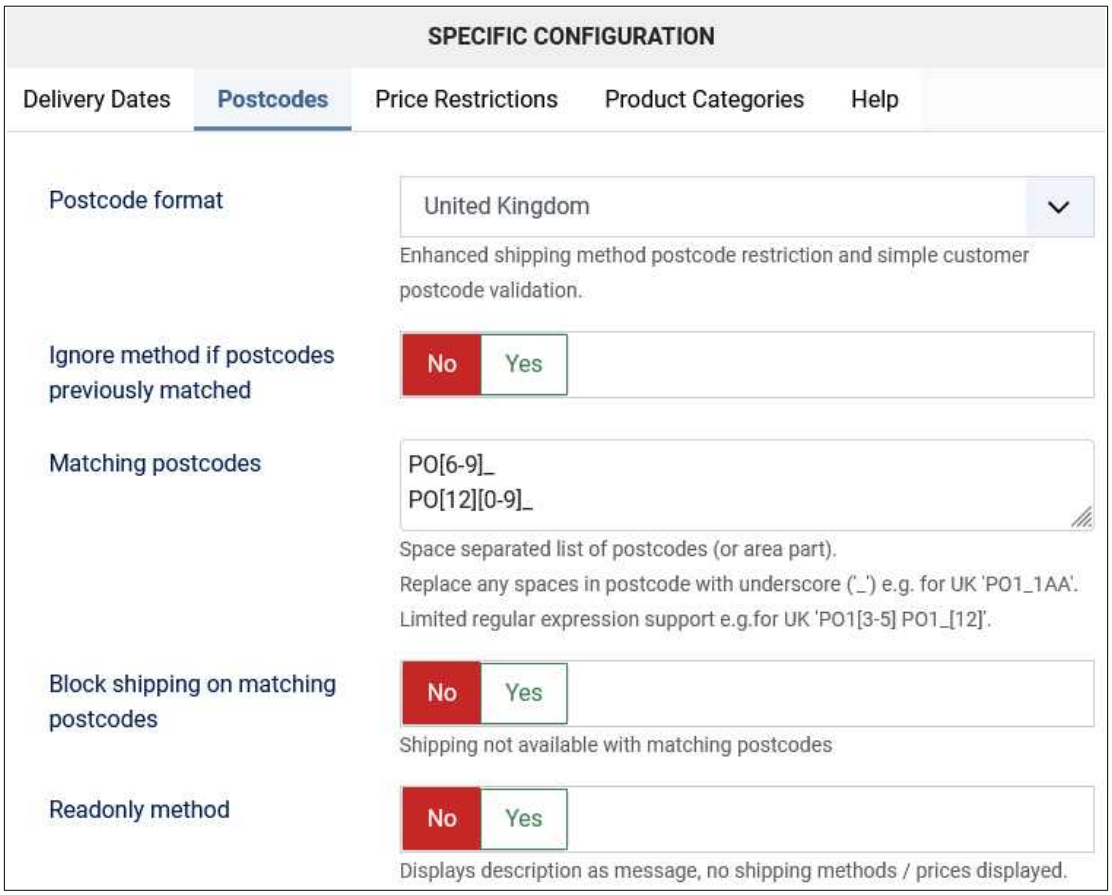


2.1.3.2 Blocked Postcodes (e.g. Channel Islands, Isle of Man, Isle of Wight).



For these postcodes no shipping method will be available and this message displayed at checkout:
No shipping method for postcode.

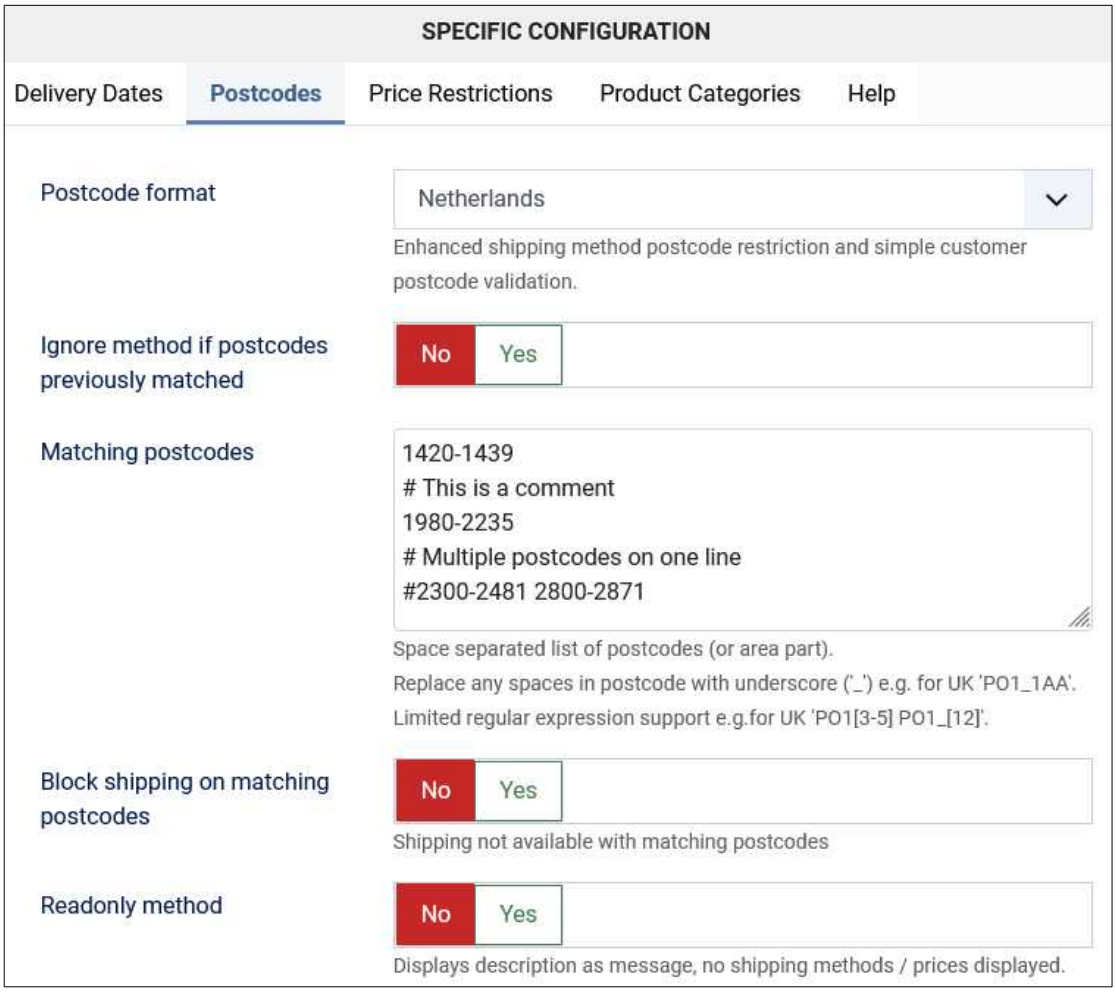
2.2 UK Postcode Format



To restrict a shipping method to only PO1 postcodes you must add an underscore (_) suffix (**PO1_**). Just PO1 on its own will match all of PO1, PO11, PO12, PO13 etc…

Entering an exclamation mark (!) at the beginning of the *Valid postcodes* field will negate the result.
! PO[1-2]_ will match everything except PO1 and PO2.
In this simple example PO[^1-2]_ would achieve the same result (using regular expression syntax).

2.3 Netherlands Postcode Format



This screenshot illustrates how you could define a single shipping method covering Amsterdam, Haarlem and Leiden.

Assuming no other restrictions apply this is easier to implement as a single shipping method than the Hikashop Manual shipping plugin.

Entering an exclamation mark (!) at the beginning of the *Valid postcodes* field will negate the result. For example:

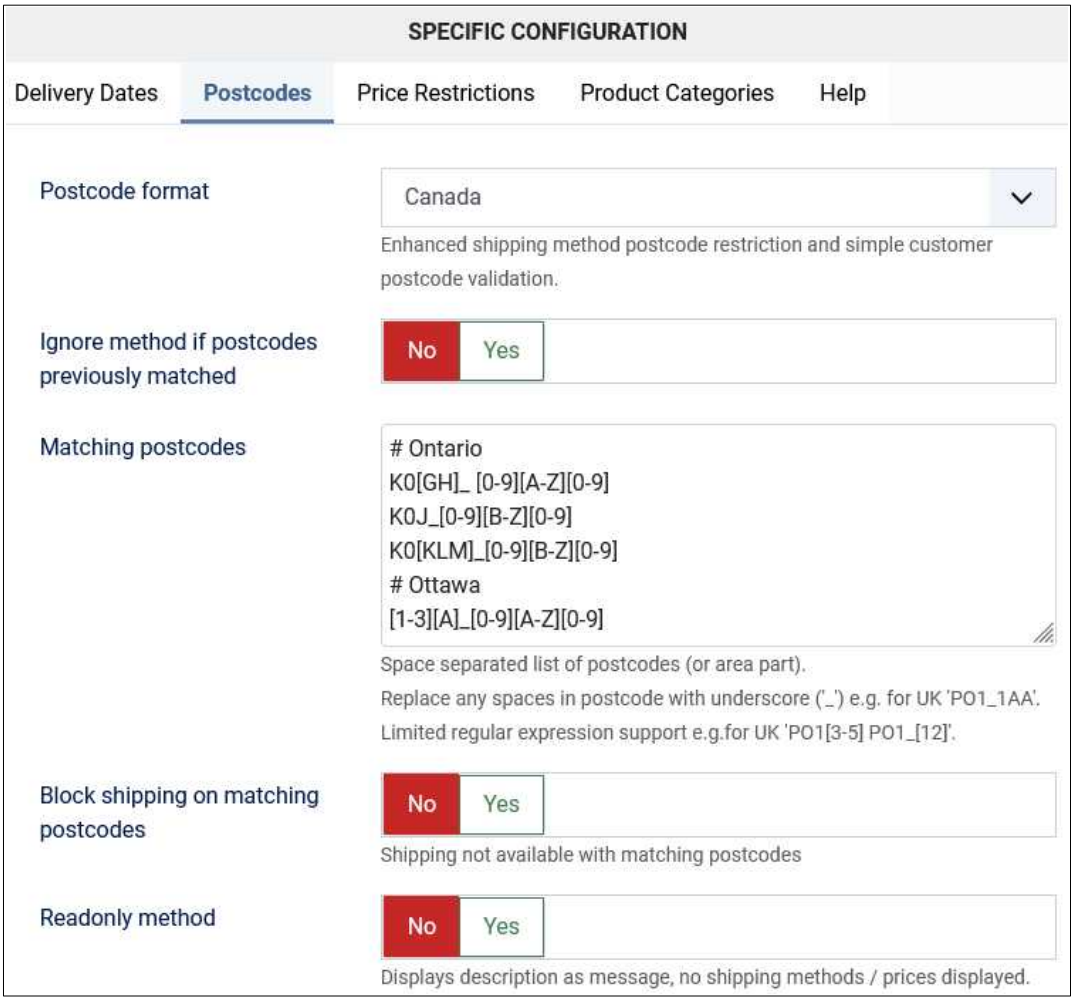
! 1435 2230 2820-2029

will match everything except 1435 2230 2820, 2821, 2822 etc…

On the Hikashop shipping method admin listing (see screenshot in *Overview* section) this method will appear as follows (*Name* is the name of the shipping method):

Name	Price	Restrictions
Amsterdam, Haarlem and Leiden		Postcode type : Netherlands 1420-1439 1980-2235 2300-2481 2800-2871

2.4 Canada Postcode Format

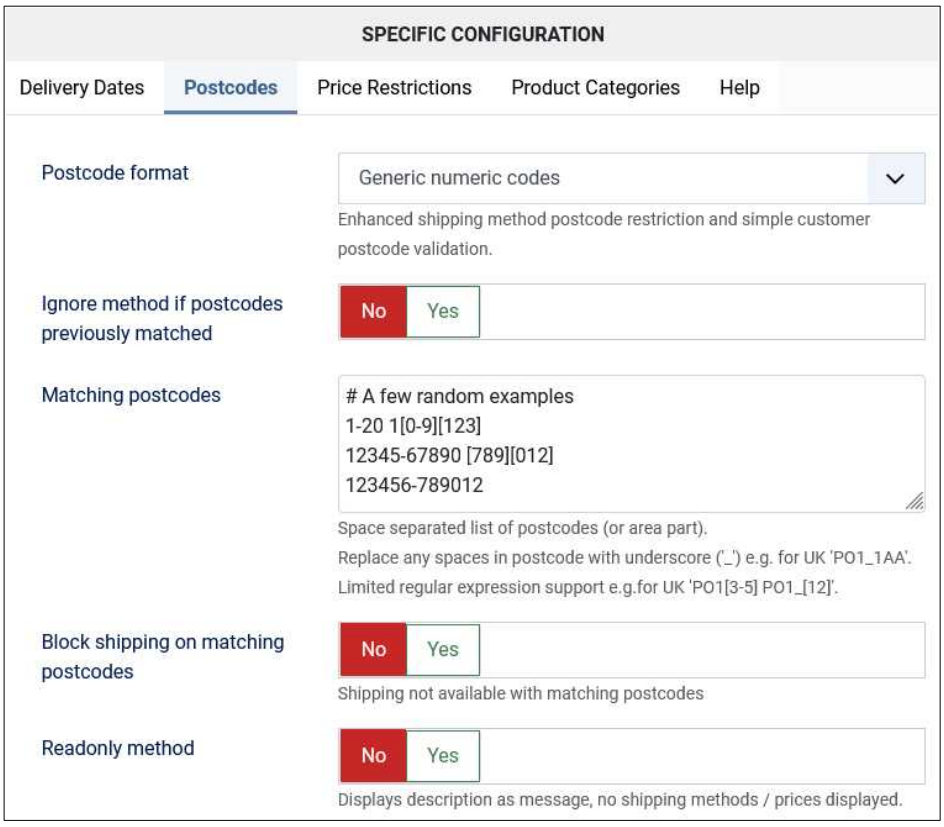


This screenshot illustrates how you could define a single shipping method covering Ottawa and Ottawa.

Assuming no other restrictions apply this is easier to implement as a single shipping method than the Hikashop Manual shipping plugin.

Entering an exclamation mark (!) at the beginning of the *Valid postcodes* field will negate the result.

2.5 Generic Numeric Postcode Format

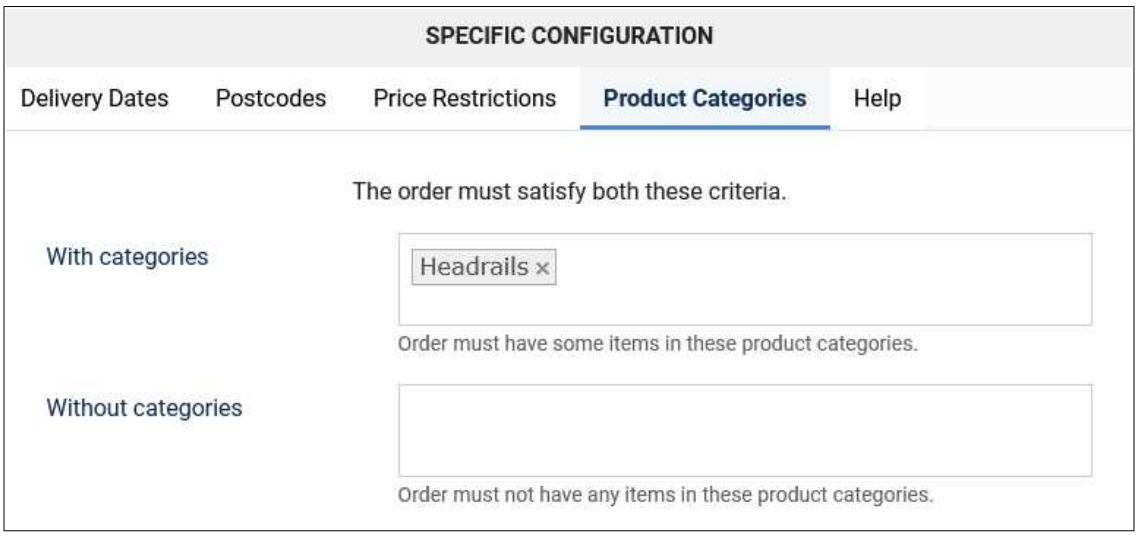


Assuming no other restrictions apply this is easier to implement as a single shipping method than the Hikashop Manual shipping plugin.

This could be used instead of *Netherlands Postcode Format* examples above but in this case there will not be any validation of the address data (e.g. 123456789 could be entered).

Entering an exclamation mark (!) at the beginning of the *Valid postcodes* field will negate the result.

2.6 Product Categories



3 Delivery Dates

This feature requires the separate Hikashop plugin *plg_hikashop_bfdeliverydates* available from https://brainforge.co.uk .

In addition on the Hikashop order table a Hikashop custom field of type '*shipping delivery date*' must be configured and published. This field type is included in *plg_hikashop_bfdeliverydates*.

This feature requires HikaShop Business.

3.1 Features Overview

- **Latest order time**
  This defines the latest order time for the first available delivery day.
  The first available delivery day may be today, tomorrow, 7 days after order etc…
  If order being placed after that time then the first available delivery day will be the next one.
- **Minimum days before delivery**
  Controls the earliest delivery date – set to 0 (zero) for same day, 1 for tomorrow.
- **Maximum days after order**
  Controls how far in advance (before delivery) a customer can place an order.
  Set to 0 (zero) for same day only orders, if order placed after latest order time then customer will have the option to order for the next delivery day (e.g. tomorrow).
- **Weekday deliveries**
  Weekdays when deliveries are available can be selected.
  When a weekday enabled the maximum number of deliveries for that weekday can be configured, unlimited deliveries option also available.
- **Delivery date overrides**
  Deliveries on specific dates (e.g. Christmas day) can be blocked;
  Additional deliveries dates (e.g. Mother's day) can be specified together with the maximum number of deliveries on that date.

  In many shipping methods no override will be required as most of the overrides will be configured for the Hikashop delivery date custom field type using the order table specification. Refer to documentation for plugin *plg_hikashop_bfdeliverydates* for further information.

  Overrides entered in the shipping method take preference over overrides in the custom field type options, the first override matching a possible delivery date determines the availability of that date.

  Comments entered in the override field will appear in the restrictions column of the Hikashop shipping method admin listing (see screenshot in *Overview* section).

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3.2 Weekday Deliveries Within 30 Days

This configuration will allow a customer to select a delivery date of any weekday within the next 30 days.

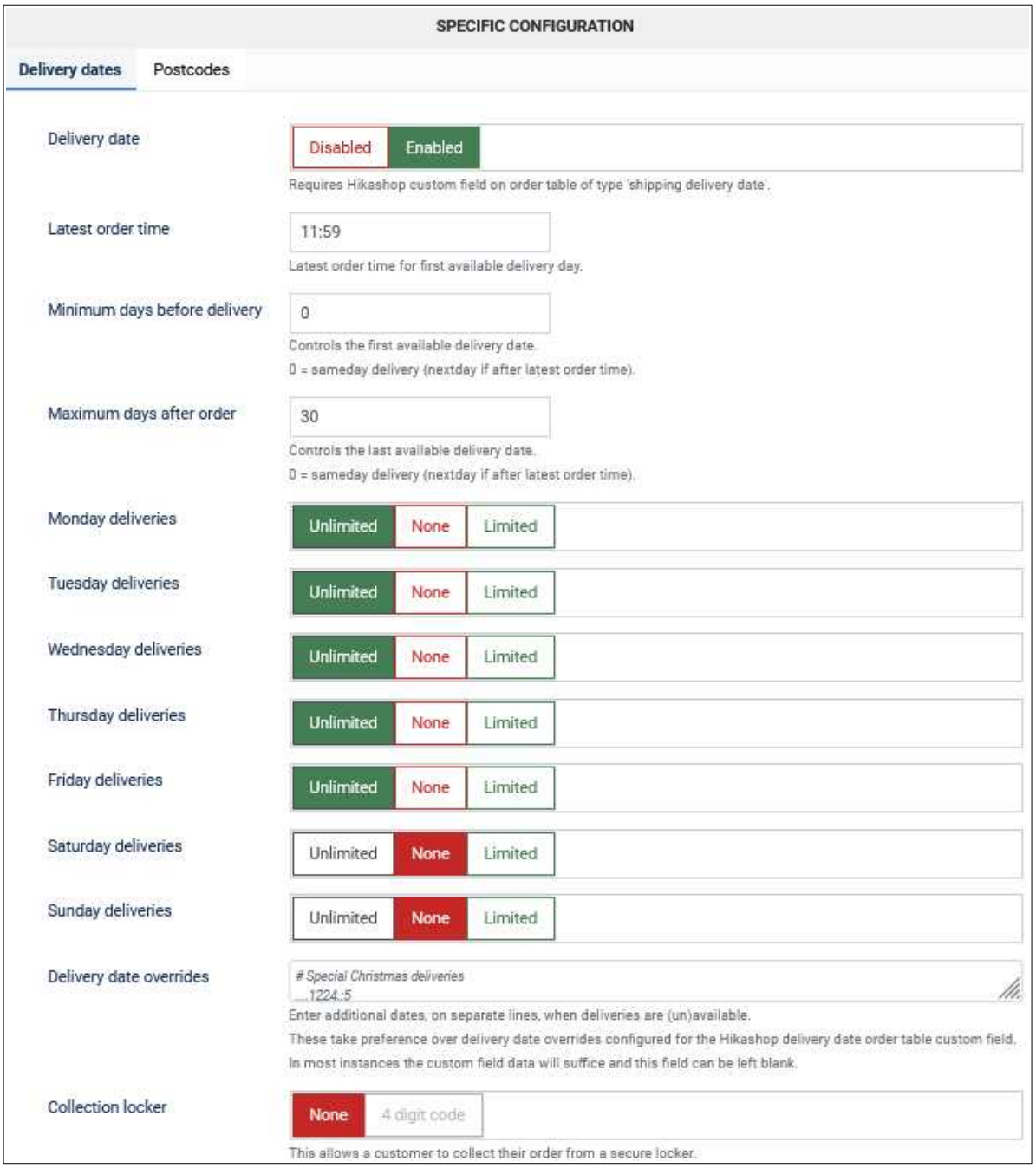
If they order before 12:00 then they can request delivery the same day.

If they order after 11:59 the earliest delivery day with be the next available weekday.

If the *Limited* feature is used then some days may not be available because the daily delivery limit has been reached.

Some days may not be available because of the Hikashop delivery date custom field type options.

Some additional days may be available because of the Hikashop delivery date custom field type options.



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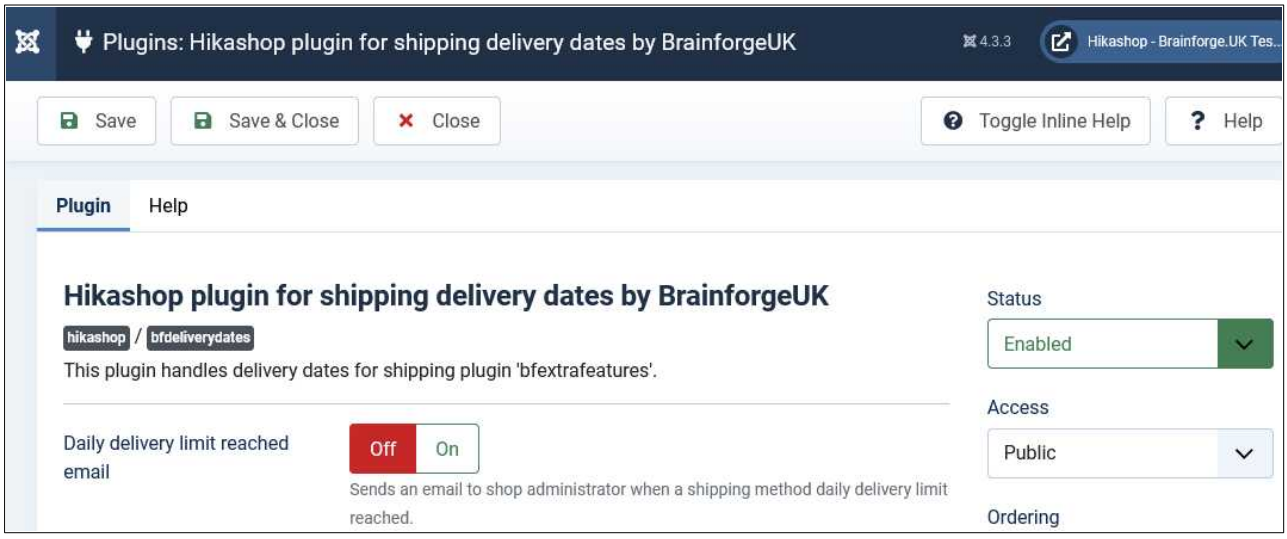
3.2.1 Limiting Number of Daily Deliveries

In this example the maximum number of deliveries available at weekends is 10 per day. When the daily maximum exceeded the customer will not be able to select a delivery on that day.

Cancelled orders are not included in the daily total number of deliveries.

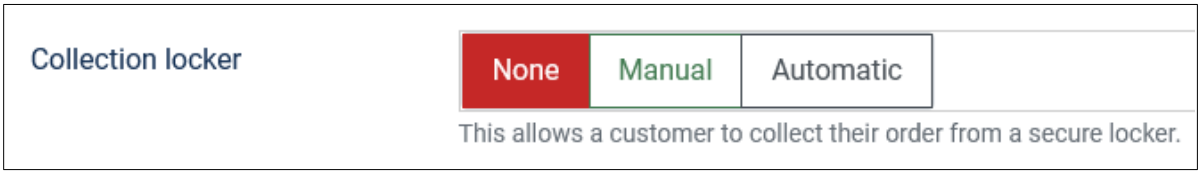
When the daily maximum is reached an optional email can be sent to the shop administrator. This can be configured through the Hikashop delivery date plugin parameters.



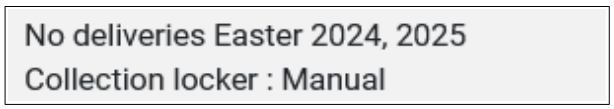
3.2.2 Collection Locker

This feature allows a customer to collect the order from a secure locker on their chosen delivery date. A random access code is generated and included on order displays / invoices / emails.

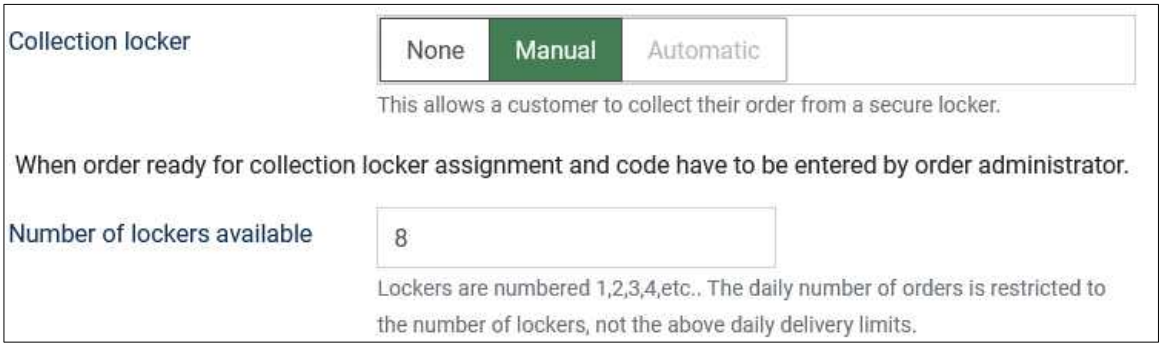
This feature is only available when the separately available Hikashop plugin *plg_hikashop_bfdeliverydateslocker* is installed and enabled.



The locker mode is indicated in the Hikashop shipping method listing along with the delivery date restrictions.

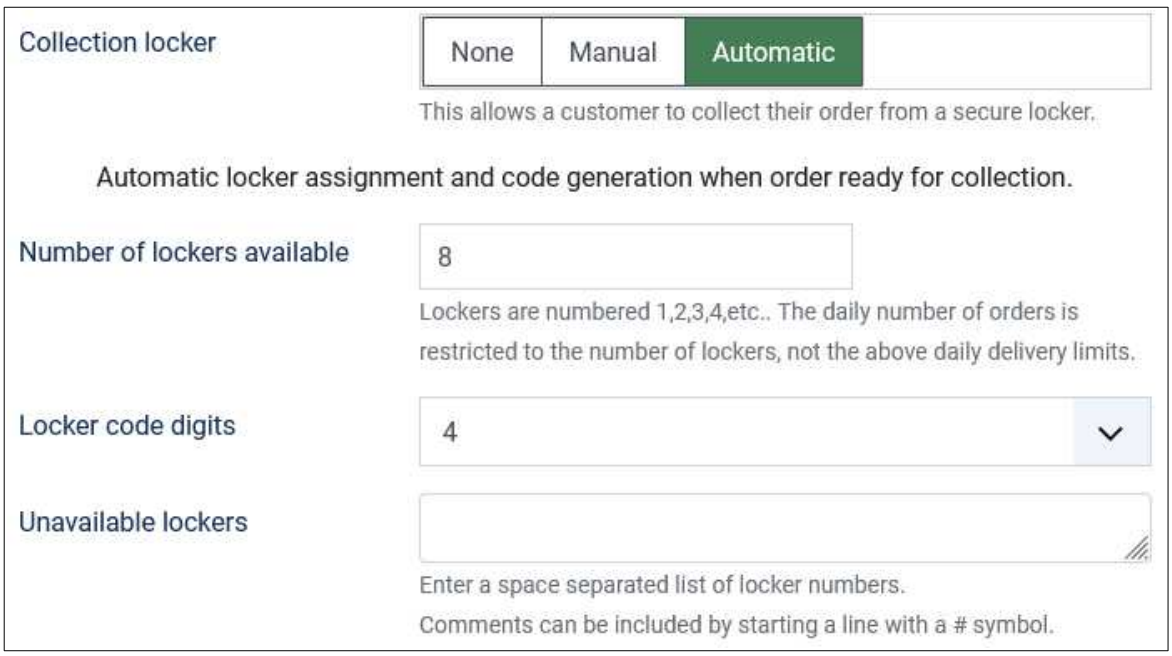


3.2.2.1 Manual Mode



Cancelled orders are not included in the daily total number of orders.

3.2.2.2 Automatic Mode



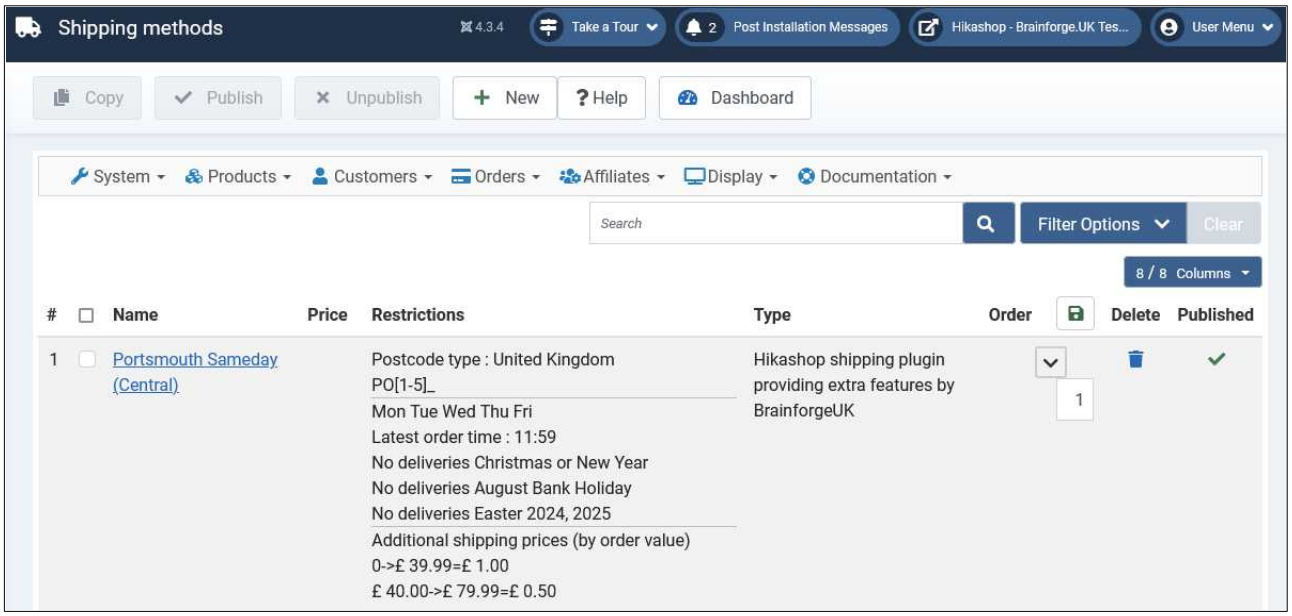
Cancelled orders are not included in the daily total number of orders.

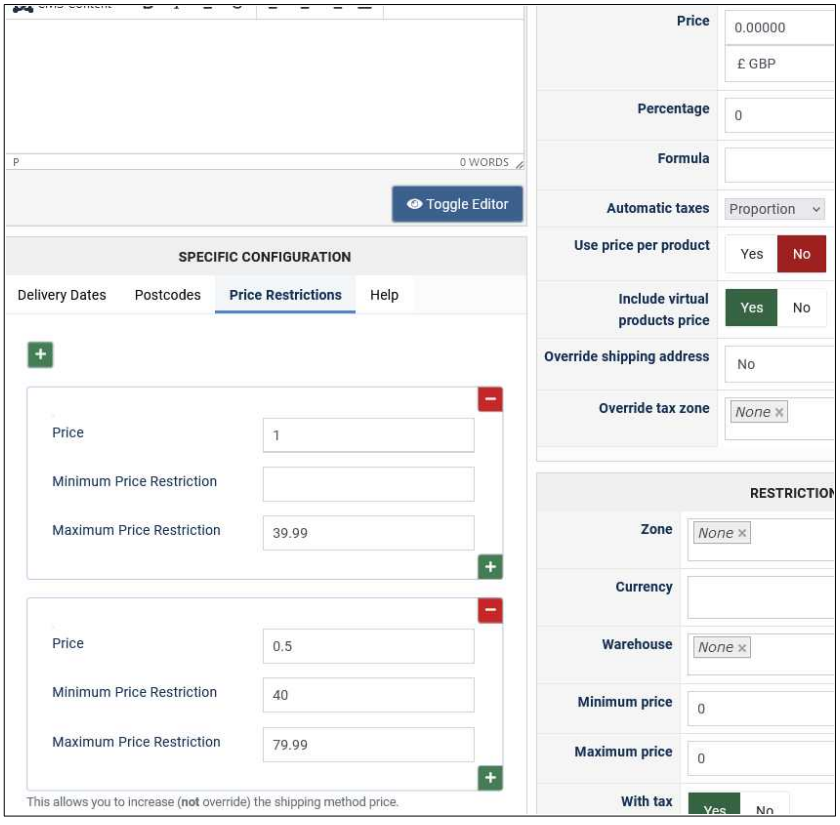
4 Price Restrictions

This screenshot illustrates a shipping plugin which has different shipping prices according to the size of the order.

- Shipping charged at £1 for orders below £40.
- Shipping charged at £0.50 for orders above £39.99 and below £80.
- Shipping free for orders over £79.99.

Without this feature implementing this would require 3 shipping methods one for each price criteria. If you have lots of shipping methods for different postcode / delivery date combinations the number of methods can quickly multiply making maintenance difficult.





For no *Maximum price restriction* leave this field blank. In the shipping method listing an infinity symbol will be displayed.

For no *Minimum price restriction* leave this field blank. In the shipping method listing 0 (zero) will be displayed.

0->£ 39.99=£ 2.00
£ 40.00->∞=£ 0.00

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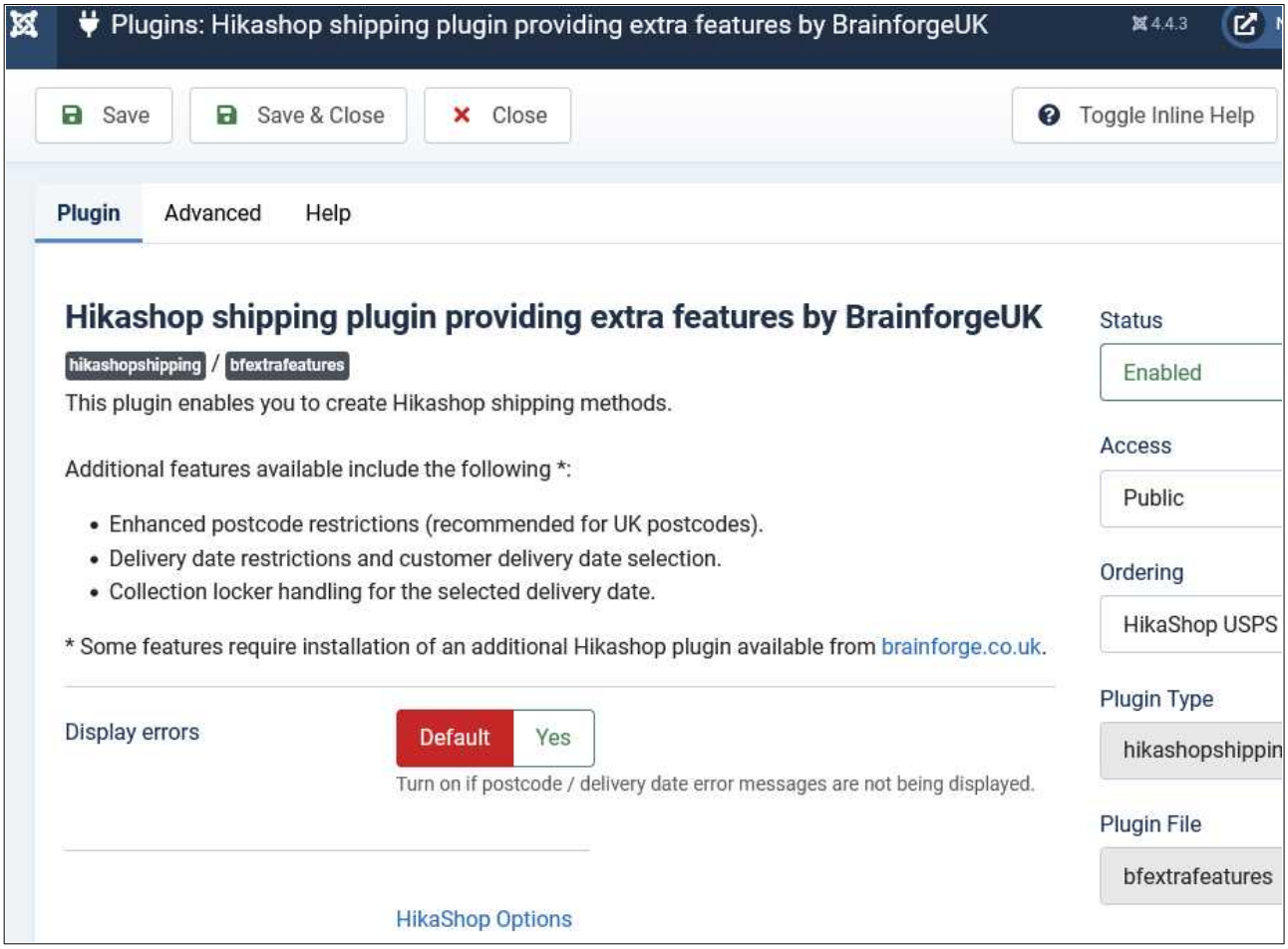
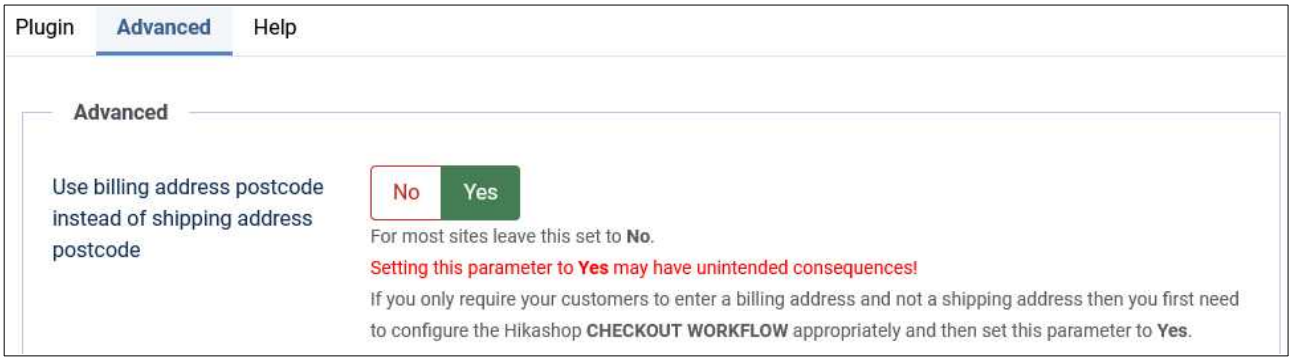
5 Plugin Parameters

5.1 Basic



5.2 Advanced



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5.3 Help

The help link points to a document of this document.

Appendix

A.1 Special Christmas Deliveries

In a typical configuration the Hikashop delivery date custom field type may be configured to disallow deliveries on Christmas day.

You can override this in the shipping method to achieve the following:

- Up to 10 deliveries on 24th December (any year, any day of week)
- Up to 5 deliveries on 25th December (any year, any day of week)
- Order must be placed before 20th December
- Order must be placed after 20th November

This can be achieved by creating a shipping method with this specific configuration.

- **Minimum days before delivery**
  6
- **Maximum days after order**
  31
- **Delivery date overrides**
  # Special Christmas deliveries
  ….1224.:10
  ….1225.:5
  # No deliveries on other days of year
  ……...:0

A.2 Daily Delivery Slots

You can define multiple delivery slots by creating a separate shipping method for each slot.

Typically the *Latest order time* for each slot will be set to 23:59. The following examples describe situations where a different value might be appropriate.

A.2.1 Same Day Delivery Slots

You need to specify an appropriate *Latest order time* for each slot.

The *Maximum days after order* field must be set to 0 (zero).

A.2.2 Next day (e.g. tomorrow) Delivery Slots

Typically the *Latest order time* for each slot will be set to 23:59, although it can be earlier if additional order preparation time is required.

You might also consider a configuration like this:

- *Latest order time* of 11:59 for morning delivery slots.
- *Latest order time* of 23:59 for afternoon delivery slots.

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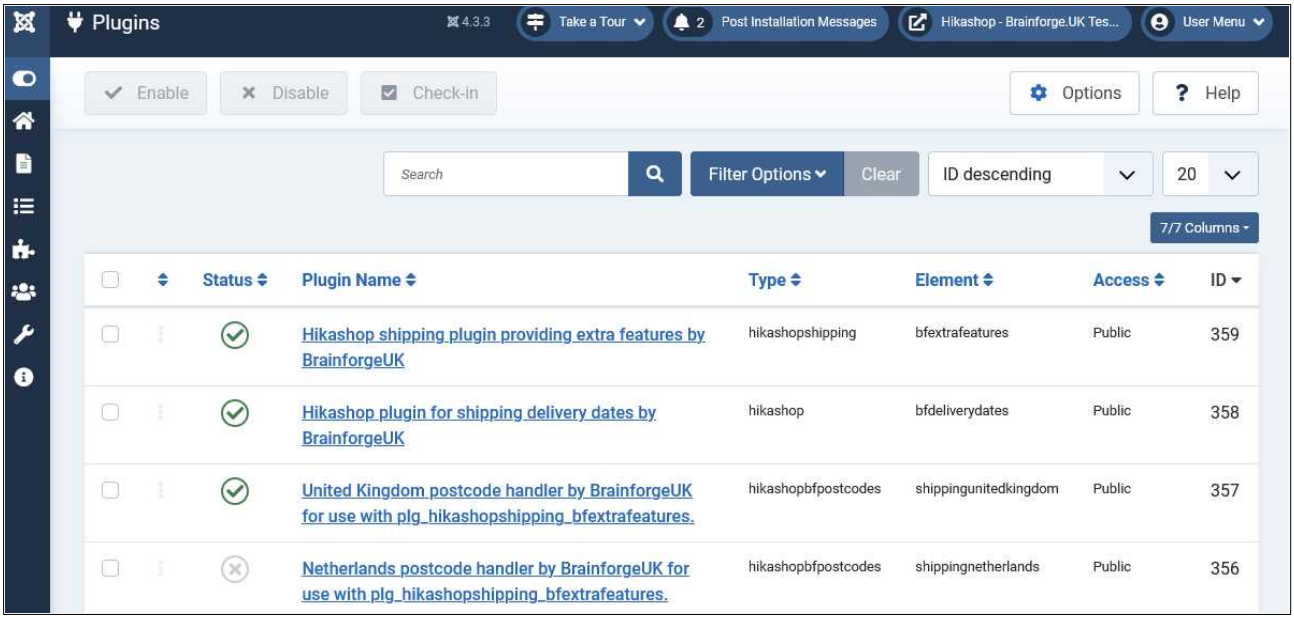
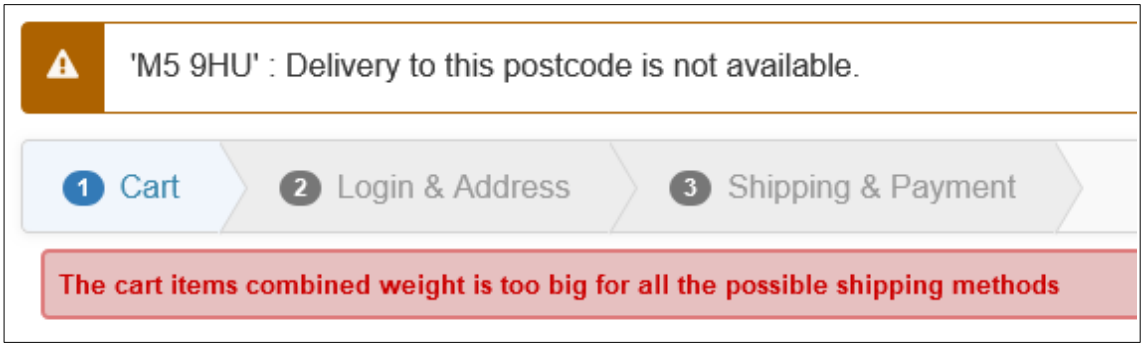
B.1 Example Plugin Listing (UK Postcodes)



C.1 Overweight Item Message Example



D.1 Legacy Shipping Plug-ins Available from Brainforge.UK

This plugin is intended to replace the following plug-ins previously available from https://brainforge.co.uk.

plg_hikashopshipping_bfmanual

plg_hikashop_bforderdeliverydate2

plg_hikashop_bforderdeliveryslot2

Existing customers are recommended to investigate this replacement and, if it suites their purposes, install on their site(s). For more information or in case of difficulty please contact us.

Note that there is no automatic upgrade path – your existing configuration must be re-entered manually.

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