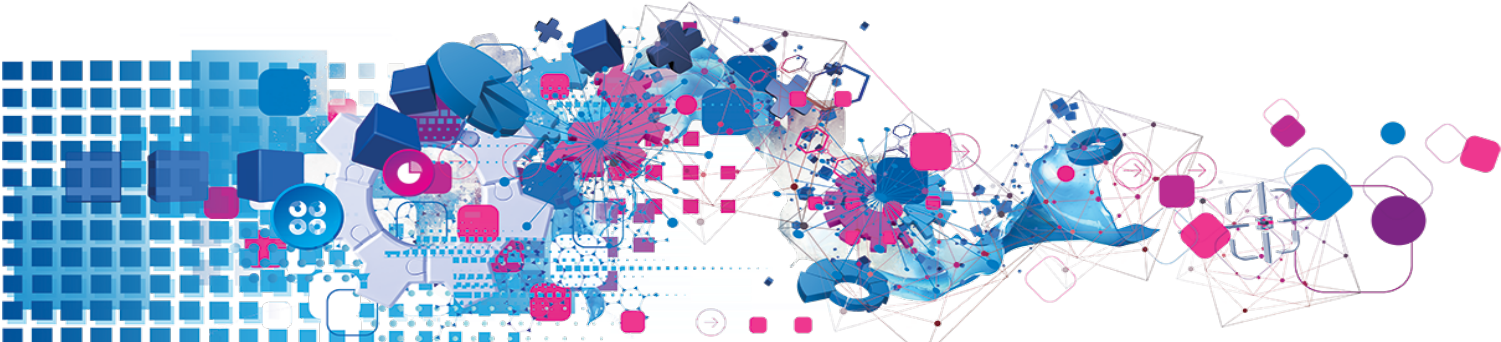


# Denmark

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## Contacts and Support

For resolutions to common issues, answers to frequently asked questions and hints and tips for using our products:

[www.edq.com/documentation/contact-support/](http://www.edq.com/documentation/contact-support/)

For information about data expiry, data vintage and how to keep your data up to date:

[www.edq.com/documentation/data](http://www.edq.com/documentation/data)

For more information about us and to get in touch:

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Revision 1, December 2017

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# Introduction

## Denmark Address Data Information

Dataset Code:	DNK
Approximate Data Size:	19MB
Data Source:	Postal code data supplied by Post Danmark, supplemented by a national property-level streets file.
Update Frequency:	Quarterly The quarterly data release dates are: <ul style="list-style-type: none"><li>• March</li><li>• June</li><li>• September</li><li>• December</li></ul>
Expiry:	Data files will expire 13 months after creation. For example, March data will expire in April of the following year. Ensure every data update is applied promptly, otherwise the data may expire and the product will become unusable.

## List Of Available Data Files

File Extension	File Type	Comment
.dts	Dataset	Main address data.
.zlx	Single Line Index File	Indexing data for use with Single Line searching.
.tpx	Typedown Index File	Indexing data for use with Typedown searching.

# About This Data

This chapter provides detailed information about the DNK dataset.

## Area Covered

The DNK dataset covers all residential street addresses in Denmark and Greenland.

## Address Elements

The following address elements are stored within the DNK data files.

Address Element	Example	Element Code
Building number	12	P11
Building name	Blok A	P12
Floor	st	P21
Apartment number*	12	P31
Apartment name	th	P32
Street	Sommerstedgade	S11
Postcode	Holmbladsgade	C11
Postal district	København K	L11
Town**	Gølstrup	L21
Country**	Denmark	X11
Two character ISO country code**	DN	X12
Three character ISO country code**	DNK	X13

\* For pre-V5.0 products, the name of this element is "apartment". For V5.0 products and later, the name is "apartment number".

\*\* Elements that only appear in the address if their position is fixed.

## Address Element Definitions

### Floors and Apartments

It is common for two letters to appear in the Apartment name or Floor fields, instead of digits. The meanings of these two letter codes are as follows:

Code	Meaning
mf	In the middle
tv	Left
th	Right
st	Ground floor
kl	Basement

## Sorting Codes

Arhus, Copenhagen, Frederiksberg and Odense have a sorting code appended to the town name. This sorting code indicates the area of the town served. The sorting codes are as follows:

Code	Meaning
N	North
S	South
Ø	East
V	West
NV	North-West
NØ	North-East
SV	South-West
SØ	South-East
K	Central (Copenhagen)
C	Central (Odense, Arhus and Frederiksberg)

## Default Address Format

By default, an address in Denmark is spread over two lines:

- The first line contains the street name, followed by the building number, followed by floor and apartment details (where present);
- The second line contains the postal code, followed by the postal district. There are two spaces between the postal code and postal district.

If the address contains an organisation name, an additional line is added (above the first line) to display the organisation name.

The postal district is in upper case. By default, all other address elements are in mixed case. For example:

Sønder Boulevard 16 1 tv  
1720 KØBENHAVN V

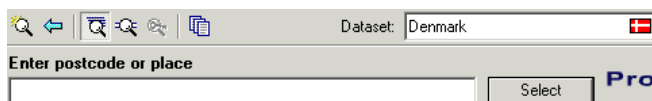
# Using This Data

This chapter provides search tips and other product-specific information when using Pro, Pro Web, or Batch.

These searches are accurate at the time of data release. However, search results may differ depending on the data release you are using.

## With Pro

### Search Examples: Typedown

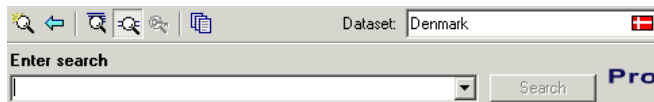


The following table provides a list of these example search types:

- Full address known;
- Postal code not known;
- PO Box number known.

Search type	Example
Full address known	<ol style="list-style-type: none"><li>1. Enter the postal code, <b>2450</b>, and press <b>Enter</b>.</li><li>2. Enter the first two letters of the street name, <b>pa</b>, and press <b>Enter</b>. In this example <b>pa</b> is enough to uniquely identify <b>Parkstien</b>.</li><li>3. Enter the premises number, <b>6</b>, and press <b>Enter</b>.</li><li>4. The correct address is returned:  Parkstien 6 2450 KØBENHAVN SV</li></ol>
Postal code not known	<ol style="list-style-type: none"><li>1. Enter the location, <b>lunden</b>, and press <b>Enter</b>.</li><li>2. Start typing the street name. In this example you only need to enter the first three letters, <b>mid</b>, to uniquely identify <b>Midgårdsvej</b>. Press <b>Enter</b>.</li><li>3. Enter the premises number, <b>15</b>, and press <b>Enter</b>.</li><li>4. The correct address is returned:  Midgårdsvej 15 6430 NORDBORG</li></ol> <p>Note that the entered town, Lunden, is not returned by default, since the Postal district is Nordborg.</p>
Sub-premises not known	<ol style="list-style-type: none"><li>1. Enter the postcode, <b>1200</b>, and press <b>Enter</b>.</li><li>2. Enter the premises number, <b>7</b>, and press <b>Enter</b>. The address contains sub-premises, so you are prompted to select a sub-premises number.</li><li>3. Enter the sub-premises number, <b>4</b>, and press <b>Enter</b>.</li><li>4. The correct address is returned:  Højbro Plads 7 4 1200 KØBENHAVN K</li></ol>

## Search Examples: Single Line



The following table provides a list of these example search types:

- Full address known;
- Postal code not known;
- Character missing from address;
- Address contains spelling mistake.

Search type	Explanation
Full address known	Enter the premises number followed by any apartment or sub-premises information, then the street name and the postcode, all separated by commas: <b>25,kl,6,strandparken,8000</b> The correct address is returned: Strandparken 25 kl 6 8000 ÅRHUS C
Postal code not known	If the postal code is not known, enter the premises number and street name followed by the town or postal district: <b>10,lillebyvej,lilleby</b> The correct address is returned: Lillebyvej 10 6920 VIDEBÆK
Character missing from address	If one character is missing from the address the unknown character can be replaced with a question mark: <b>9,clement?vej,9000</b> The correct address is returned: Clementsvej 9 9000 AALBORG
Address contains spelling mistake	Entering an address that contains one or more spelling errors can still return the correct address. Entering <b>5,3,dieselvej,6000</b> will still return the correct address: Dieselvej 5 3 6000 KOLDING

## Search Constraints

The following search constraints can be used to restrict searches when using the Single Line search engine in Pro or Batch Interactive.

Constraint	Elements Restricted to	Example
@L	Postal District and Town	Koeben*@L
@P	Building number and building name	kuben@P
@X	Postal code	1254@X
@S	Street	emili*@S



## With Pro Web

### Scenarios

The following table indicates the relevant search examples for each Pro Web scenario and search engine that supports DNK address data.

Scenario	Search engine	For search examples, see:
Address Capture on the Intranet	Single Line hierarchical	Single Line search examples on <a href="#">page 8</a> .
Address Capture on the Web	Single Line flattened	Single Line search examples on <a href="#">page 8</a> .
Address Verification on the Web	Verification	Verification search examples on <a href="#">page 9</a> .
Address Capture	Single Line flattened	Single Line search examples on <a href="#">page 8</a> .
Address Verification	Verification	Verification search examples on <a href="#">page 9</a> .
Single Line	Single Line hierarchical	Single Line search examples on <a href="#">page 8</a> .
Standard	Typedown Single Line hierarchical	Typedown examples on <a href="#">page 7</a> . Single Line search examples on <a href="#">page 8</a> .
ActiveX Control	Typedown Single Line hierarchical	Typedown examples on <a href="#">page 7</a> . Single Line search examples on <a href="#">page 8</a> .

### Search Examples: Verification

Users of Pro Web can use address verification functionality to verify a customer's address once they have typed it in full into a web form.

The following table provides a list of example searches and the Verify level they return.

Verify level	Example
Verified	<p>gelhoj 25 4000 roskilde Denmark</p> <p>This search brings back a verified address with the verify level of "Verified".</p>
Multiple	<p>torvegade 1 Kobenhavn 1400 DENMARK</p> <p>This search shows what is returned if the user attempts to verify an address without providing full details.</p> <p>This search brings back a verify level of "Multiple" and offers a picklist of possible addresses.</p>

Verify level	Example
None	<b>nosuchstreet notatown</b> This search brings back a verify level of "None" as the address does not exist in the data.
StreetPartial	<b>ouevvej houtved 9500 Denmark</b> This search brings back a verify level of "StreetPartial" as the search did not define a property number for the street location "Ouevej".
PremisesPartial	<b>bryggergarden 10 glostrup 2600 Denmark</b> This search brings back a verify level of "PremisesPartial" as there is more than one apartment at the address.
InteractionRequired	<b>torvegade 18 rf kobenhavn 1400 Denmark</b> This search brings back a verify level of "InteractionRequired" because the address was incorrectly ordered and, although there was only one match, the address requires verification from the user.

For more information about the Verification engine, refer to the Address Verification section of the Pro Web Integration Guide.