
Data Guide

Denmark

QAS Ltd.

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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
Expiry:	The quarterly data release dates are:

- March
- June
- September
- December

Data files expire approximately thirteen months after the data release date. For example, March data will expire in April the following year.

Ensure every data update is applied promptly, otherwise the data may expire and the product will become unusable.

About This Data

This chapter provides detailed information about the DNK dataset.

Area Covered

The Denmark 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	Input/Output 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
Postal code	Holmbladsgade	C11
Postal district	København K	L11
Town**	Gølstrup	L21
Country name**	Denmark	X11

Address Element	Example	Input/Output Element Code
Three character ISO country code**	DNK	X12
Two character ISO country code**	DN	X13

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

*** Denotes elements which 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

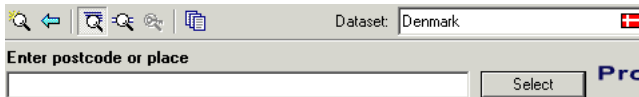
This chapter provides search tips and other product-specific information when using QuickAddress Pro, QuickAddress Pro Web, or QuickAddress Batch.

NOTE:

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

With QuickAddress Pro

Search Examples: Typedown

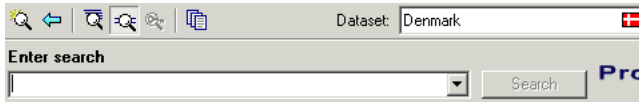


The following table provides a list of these example search types:

- Full address known
- Postal code not known
- Sub-premises not known

Search type	Example
Full address known	<ol style="list-style-type: none"> 1. Enter the postal code, 2450, and press Enter. 2. Enter the first two letters of the street name, pa, and press Enter. In this example pa is enough to uniquely identify Parkstien. Enter the premises number, 6, and press Enter. 3. The correct address is returned: <ul style="list-style-type: none"> Parkstien 6 2450 KØBENHAVN SV
Postal code not known	<ol style="list-style-type: none"> 1. Enter the location, lunden, and press Enter. 2. Enter the first three letters of the street name, mid, and press Enter. In this example mid is enough to uniquely identify Midgårdsvej. 3. Enter the premises number, 15, and press Enter. 4. The correct address is returned: <ul style="list-style-type: none"> Midgårdsvej 15 6430 NØRDBORG <p style="margin-left: 20px;">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"> 1. Enter the postcode, 1200, and press Enter. 2. Enter the premises number, 7, and press Enter. The address contains sub-premises, so you are prompted to select a sub-premises number. 3. Enter the sub-premises number, 4, and press Enter. 4. The correct address is returned: <ul style="list-style-type: none"> Højbro Plads 7 4 1200 KØBENHAVN K

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	<p>Enter the premises number followed by any apartment or sub-premises information, then the street name and the postcode, all separated by commas:</p> <p>25,kl,6,strandparken,8000</p> <p>The correct address is returned:</p> <p>Strandparken 25 kl 6 8000 ÅRHUS C</p>
Postal code not known	<p>If the postal code is not known, enter the premises number and street name followed by the town or postal district:</p> <p>10,lillebyvej,lilleby</p> <p>The correct address is returned:</p> <p>Lillebyvej 10 6920 VIDEBÆK</p>

Search type	Explanation
Character missing from address	<p>If one character is missing from the address the unknown character can be replaced with a question mark:</p> <p>9,clement?vej,9000</p> <p>The correct address is returned:</p> <p style="padding-left: 40px;">Clementsvej 9 9000 AALBORG</p>
Address contains spelling mistake	<p>Entering an address that contains one or more spelling errors can still return the correct address.</p> <p>Entering 5,3,diesilvej,6000 will still return the correct address:</p> <p style="padding-left: 40px;">Dieselvej 5 3 6000 KOLDING</p>

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	Element Restricted to Search	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 QuickAddress Pro Web

Scenarios

The following table indicates the latest Pro Web version number and search engine for each Pro Web scenario that supports DNK address data, and includes a link to relevant search examples.

Scenario	Latest Pro Web version	Search engine	For search examples, see:
Address Capture on the Intranet	4.6	Single Line hierarchical	Pro Single Line search examples on page 9.
Address Capture on the Web	4.6	Single Line flattened	Pro Single Line search examples on page 9.
Address Verification on the Web	4.6	Verification	Verification search examples on page 12.
Address Capture	5.20	Single Line flattened	Pro Single Line search examples on page 9.
Address Verification	5.20	Verification	Verification search examples on page 12.
Single Line	5.20	Single Line hierarchical	Pro Single Line search examples on page 9.
Standard	5.20	Typedown Single Line hierarchical	Pro Typedown examples on page 7 and Single Line search examples on page 9.
ActiveX Control	5.20	Typedown Single Line hierarchical	Pro Typedown examples on page 7 and Single Line search examples on page 9.

Search Examples: Verification

Users of QuickAddress 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	gelhoj 25 4000 roskilde Denmark This search brings back a verified address with the verify level of "Verified".
Multiple	torvegade 18 rf kobenhavn 1400 Denmark This search shows what is returned if the user attempts to verify an address without providing full details. In this case there are sub-premises at this address. The search brings back a verify level of "Multiple" and offers a picklist of possible addresses.
None	nosuchstreet notatown This search brings back a verify level of "None" as the address does not exist in the data.
StreetPartial	ouevej houtved 9500 Denmark This search brings back a verify level of "StreetPartial" as the search did not define a property number for the street location "Ouevej".

Verify level	Example
PremisesPartial	<p>bryggergarden 10 glostrup 2600 Denmark</p> <p>This search brings back a verify level of “PremisesPartial” because there is more than one apartment at the address.</p>
InteractionRequired	<p>hulvej 9 pardsgard ulfborg 6990</p> <p>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.</p>

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

With QuickAddress Batch

Search Examples: Batch Interactive

For information about the best methods for searching on Denmark addresses using Batch Interactive, please refer to Single Line search examples on page 9 and Typedown search examples on page 7.

