

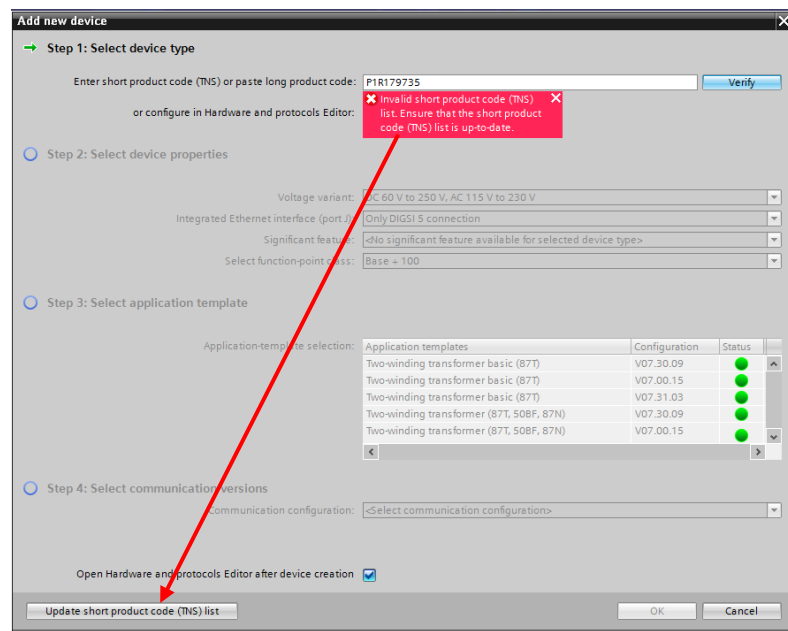
QUICK GUIDE TO: Short and Long Codes

The long product code format is a “human readable” code that specified relay hardware configuration. The length of the code is dependent upon the number of I/O modules in the configuration. The short order code is a unique number generated by the online configurator, as different product combinations are built.

The easiest method to create/convert Short product code (TNS) and long product codes is using the Siemens SIPROTEC 5 Online Configurator.

DIGSI 5 can recognise short codes when creating a relay setting from scratch. However, its list of short order codes may need updating from time-to-time. Below shows where to click to update the list that resides within DIGSI 5.

1: Updating the TNS list – if short order code not recognised



If DIGSI 5 does not recognise a short order code, connect to the internet and select “Update short product code (TNS) list”.

If a short code is not available/recognised, the device can be set up in DIGSI using the long code, or ‘building the product’ via the hardware editor.

The short/long codes **do not** include reference to:

- Relay firmware
- Relay communication configuration

The short/long codes do include reference to:

- Expansion modules, plug-in modules and their position
- Number of function points and significant licencing attributes
- CPU type, display types and other hardware order attributes

QUICK GUIDE TO: Finding the short and long codes

The long code is:

- Always available in DIGSI 5 in the offline and online device information
- Always available via the device LCD
- Obtainable via the online configurator (from short code or building a product configuration)

The short code is:

- Always available in the online configurator (from long code or building a product configuration)
- Printed on the relay label (but will no longer valid if the hardware has been changed, or function points added etc)
- Shown in DIGSI 5 offline “Device Information” screen – but only if the relay in the project file was created using a short code^[1].
- Shown on the front panel LCD if firmware is V7.30 or greater

The result is that on occasions, where a short code is desired, but not available, the long code must be pasted into the online configurator to generate the short code.

[1] Within DIGSI 5, the short product code (if shown) may update as changes are made in the setting file to the device hardware/licences. However, in most cases such changes will cause the short product code to be blanked.

QUICK GUIDE TO: What changes the short/long code?

In addition to hardware changes, long/short codes will change if:

- The Integrated Ethernet interface licence is changed (i.e. IEC 61850 added to this port)
- “Significant features” are added (e.g. licence for 3 or multi-ended line differential added)
- The number of function points licenced to the relay are increased

