

Platform MX6

Software option S004

USB Keyboard

1 Identification

Identification	
Option ID	S004
Order number	S-05000205-0000
Short name	USB Keyboard
Brief description	With this software option it is possible to connect an external USB keyboard to the device to use it for input and program operation
Revision ID document	V1.0

2 System requirements and restrictions

System requirements and restrictions	
Supported Platforms and devices	Berghof PLC devices of the MX6 platform (e.g.: MCs, CCs, DCs). Additional information regarding availability and compatibility can be found in options section of the product catalog.
Firmware	MX6 Version 1.18.1 or higher
Additional requirements	<ul style="list-style-type: none">– BghSystemMX6 library V1.11 or higher required for use with CODESYS– one free USB port
Restrictions	<ul style="list-style-type: none">– Only german and english (US) keyboard layouts are supported– USB keyboard has to be connected to the PLC before power on

3 Product description

With this extension it is possible to connect an external USB keyboard, a barcode scanner or USB devices that are identified as keyboard input devices to the PLC. This allows e.g. program operation via keyboard (triggering CODESYS program actions by function keys) or data input via a barcode scanner.

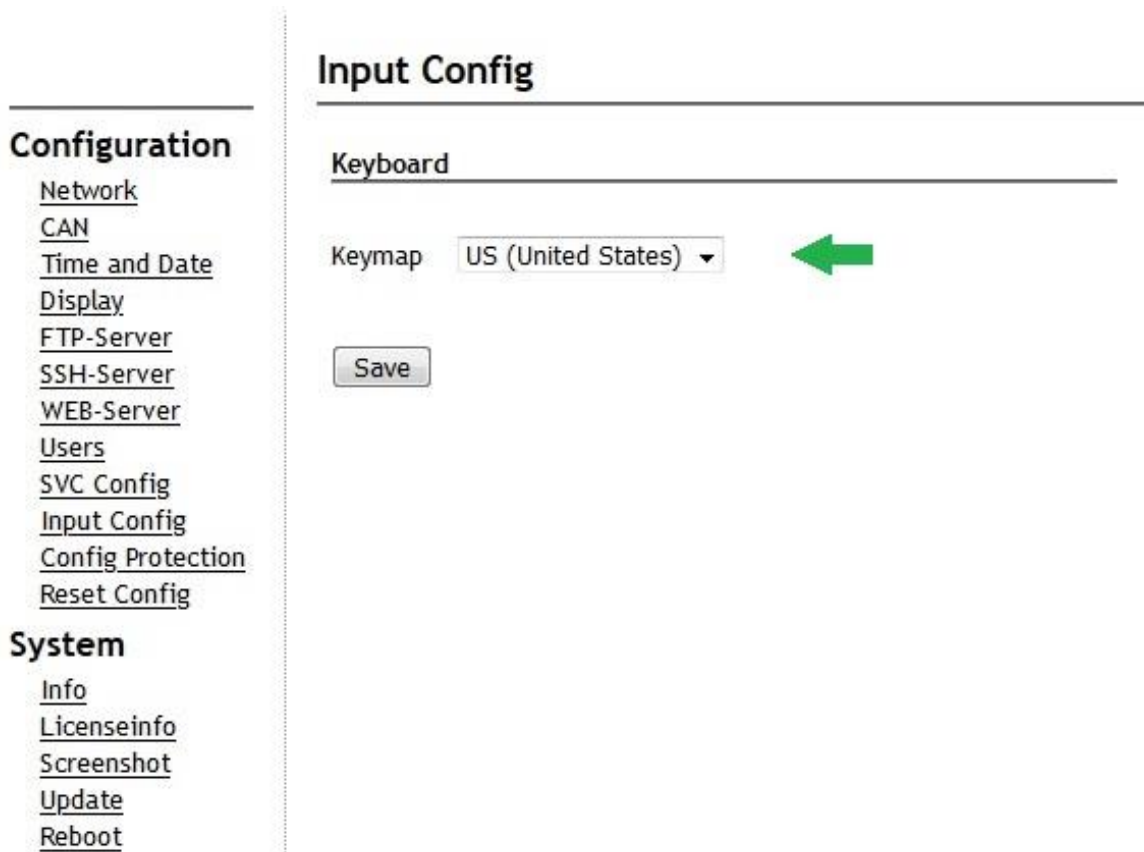
Keyboards with german or english (US) layout are supported. The layout can be set via the web interface or in the CODESYS software. Switching during operation of the PLC is not possible. As long as no changes have been made to the keyboard layout, the english (US) layout is active.

The USB input device to be used must be connected before switching on the PLC. It is possible to connect it to the PLC that is already running, but it cannot be used until the next time the PLC is started.

4 Quick Start Guide

4.1 Setting the keyboard layout in the web interface

To change the keyboard layout, select "Input Config" on the left side under "Configuration". By activating the small arrow in the drop-down field (see green arrow), the selectable layouts to which the keyboard layout can be set are displayed. You can choose between US (United States) and DE (Germany). For the new layout to take effect, it must be specified by activating the "Save" button. After a restart, the PLC uses the selected layout.



Configuration


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System

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Input Config

Keyboard

Keymap 

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