

## DESCRIPTION



Programming adapters; responsible for diagnosis, parameterization and validation of safety controls

- Conversion of RS-232 signals to RS-485 signals (from PC/laptop)
- Continuation of RS-485 signals to SMX assembly
- Supports USB 1.1 and USB 2.0

## GENERAL DATA

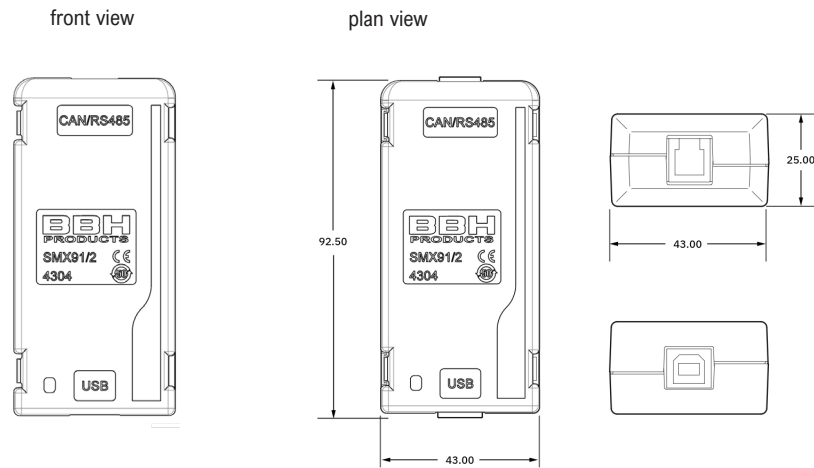
- » Includes interface converter SMX 91/2, USB connection cable typ USB-B (shielded) for connection SMX 91/2 - PC, serial interface cable with 2x RJ10 connectors to connect SMX 91/2 to SMX assembly
- » With the SMX 91/2 option, RS-232 signals are converted into RS-485 signals, for example from the PC or laptop. These RS-485 signals can then be directed to the interface of the safety control.
- » The SMX 91/2 - PC connection is made using a commercially available USB cable type B
- » This product is compatible with Windows 10 and later versions.
- » Successor to the SMX91 and has identical features.

## ENVIRONMENTAL DATA

Temperature	0°C ... +40°C operation
	-25°C ... +70°C storage and transport
Class of protection	IP 20 acc. to EN 60529
Climatic category	3K3 nach DIN EN 60721-3-3

## DRAWING DIMENSION

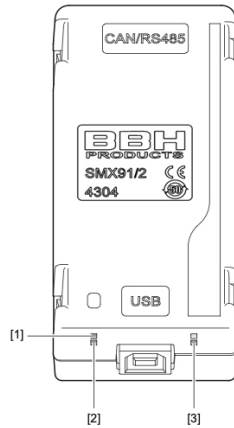
### SMX 91/2



SMX series		
Accessories	Dimensions (HxDxW [mm])	Weight [g]
SMX 91/2	92,5 x 43 x 25	200

## LEDS OF INTERFACE CONVERTER

### SMX91/2



- (1) LED-RS485
- (2) LED-CAN
- (3) LED-ERROR

LED	Color	Meaning
RS485	-	No driver is activated for the converter.
	green	Driver activated, but no communication between the engineering PC and the device.  Possible causes: -The connection cable to the device is not plugged in correctly or is defective. -The wrong baud rate is set on the device. -The device has no operating voltage. -The device address is outside the address range set for the device in the SafePLC project.
	green, flickering	Active RS485 communication between the engineering PC and the device for data exchange
CAN	-	No driver is activated for the converter.
	blue	Driver activated, but no communication between the engineering PC and the device.  Possible causes: -The connection cable to the device is not plugged in correctly or is defective. -The wrong baud rate is set on the device. -The device has no operating voltage. -The device address is outside the address range set for the device in the SafePLC project.
	blue, flickering	Active CAN bus communication between the engineering PC and the device for data exchange
Error	-	Normal operating condition
	red	An error has occurred in the interface converter.

#### NOTICE:

When the SMX91/2 interface converter is connected to a PC's USB port, the converter performs a self-test. During the test, each LED will light up briefly in the colour sequence from green to blue to red.

## ORDER INFORMATIONS

### ACCESSORIES

item	description	item no
SMX 91/2	<b>programming adapter</b> - Interface converter SMX 91/2 - USB connection cable typ USB-B, shielded, for connection SMX 91/2 - PC - Serial interface cable with 2x RJ10 connectors to connect SMX 91/2 to SMX assembly	4304