➔ BSM- Default configuration and DIP-switch-settings

This document describes the default device configuration and the DIP-switch settings for the following devices:

BSM08-XX-CDX-X0	BSM08-XX-PDX-X0
BSM16-XX-CDX-X0	BSM16-XX-PDX-X0
BSM24-XX-CDX-X0	BSM24-XX-PDX-X0
BSM32-XX-CDX-X0	BSM32-XX-PDX-X0
BSM40-XX-CDX-X0	BSM40-XX-PDX-X0
BSM48-XX-CDX-X0	BSM48-XX-PDX-X0

➔ Device configuration

BSM08-C/ BSM08-P

Default configuration:

Function	Default configuration
Reporting sequence 1 Reporting sequence 2	New-value with 1-frequency flashing and single acknowledgement First-up with 1-frequency flashing and single acknowledgement
Signal inputs LED-colour	Response delay 100 ms red *(for fault annunciation)* / green *(for operation indication)*
Collective report Horn Horn lock	static / output-parallel retriggerable, manual acknowledgement no
Function input 1 Function input 2	Horn acknowledgement Lamp acknowledgement
Button 1 Button 2 Button 3 Button 4	Horn acknowledgement Lamp acknowledgement Lamptest No function
Function relay 1 Function relay 2 Function relay 3 Function relay 4	Collective report 1 *(all fault annunciation inputs activate collective report 1)* No function Horn Alive-contact

Function of the DIP-switches:

DIP-switch	Function	DIP-switch-setting	
		OFF	ON
S1/1	Master- or Slave-device in cascaded system	Master	Slave
S1/2	For Master: Number of Slaves / For Slave: Slave-address	Ref. to sep. table	Ref. to sep. table
S1/3	For Master: Number of Slaves / For Slave: Slave-address	Ref. to sep. table	Ref. to sep. table
S1/4	Use parameters from DIP-switch or parameterization software	Software	DIP-switches
S10/1	Normally open / normally closed principle for signal inputs on board X10	Normally open	Normally closed
S10/2	Signal inputs on board X10 configured as fault annunciation / operation indication	fault an-nunciation	Operation indication
S10/3	Horn retriggerable by follow-up alarms	No	Yes
S10/4	Reporting sequence	1	2

Number of Slaves / Slave-address in cascaded annunciator system:

Number / Address	S1/2	S1/3
0	OFF	OFF
1	ON	OFF
2	OFF	ON
3	ON	ON

BSM16-C/ BSM16-P

Default configuration:

Function	Default configuration
Reporting sequence 1 Reporting sequence 2	New-value with 1-frequency flashing and single acknowledgement First-up with 1-frequency flashing and single acknowledgement
Signal inputs LED-colour	Response delay 100 ms red *(for fault annunciation)* / green *(for operation indication)*
Collective report Horn Horn lock	static / output-parallel retriggerable, manual acknowledgement no
Function input 1 Function input 2	Horn acknowledgement Lamp acknowledgement
Button 1 Button 2 Button 3 Button 4	Horn acknowledgement Lamp acknowledgement Lamptest No function
Function relay 1 Function relay 2 Function relay 3 Function relay 4	Collective report 1 *(all fault annunciation inputs activate collective report 1)* No function Horn Alive-contact

Function of the DIP-switches:

DIP-switch	Function	DIP-switch-setting	
		OFF	ON
S1/1	Master- or Slave-device in cascaded system	Master	Slave
S1/2	For Master: Number of Slaves / For Slave: Slave-address	Ref. to sep. table	Ref. to sep. table
S1/3	For Master: Number of Slaves / For Slave: Slave-address	Ref. to sep. table	Ref. to sep. table
S1/4	Use parameters from DIP-switch or parameterization software	Software	DIP-switches
S10/1, S12/1	Normally open / normally closed principle for signal inputs on board X10, X12	Normally open	Normally closed
S10/2, S12/2	Signal inputs on board X10, X12 configured as fault annunciation / operation indication	fault an-nunciation	Operation indication
S12/3	Horn retriggerable by follow-up alarms	No	Yes
S12/4	Reporting sequence	1	2

Number of Slaves / Slave-address in cascaded annunciator system:

Number / Address	S1/2	S1/3
0	OFF	OFF
1	ON	OFF
2	OFF	ON
3	ON	ON

BSM24-C/ BSM24-P

Default configuration:

Function	Default configuration
Reporting sequence 1 Reporting sequence 2	New-value with 1-frequency flashing and single acknowledgement First-up with 1-frequency flashing and single acknowledgement
Signal inputs LED-colour	Response delay 100 ms red *(for fault annunciation)* / green *(for operation indication)*
Collective report Horn Horn lock	static / output-parallel retriggerable, manual acknowledgement no
Function input 1 Function input 2	Horn acknowledgement Lamp acknowledgement
Button 1 Button 2 Button 3 Button 4	Horn acknowledgement Lamp acknowledgement Lamptest No function
Function relay 1 Function relay 2 Function relay 3 Function relay 4	Collective report 1 *(all fault annunciation inputs activate collective report 1)* No function Horn Alive-contact

Function of the DIP-switches:

DIP-switch	Function	DIP-switch-setting	
		OFF	ON
S1/1	Master- or Slave-device in cascaded system	Master	Slave
S1/2	For Master: Number of Slaves / For Slave: Slave-address	Ref. to sep. table	Ref. to sep. table
S1/3	For Master: Number of Slaves / For Slave: Slave-address	Ref. to sep. table	Ref. to sep. table
S1/4	Use parameters from DIP-switch or parameterization software	Software	DIP-switches
S10/1, S12/1, S14/1	Normally open / normally closed principle for signal inputs on board X10, X12, X14	Normally open	Normally closed
S10/2, S12/2, S14/2	Signal inputs on board X10, X12, X14 configured as fault annunciation / operation indication	fault an-nunciation	Operation indication
S12/3	Horn retriggerable by follow-up alarms	No	Yes
S12/4	Reporting sequence	1	2

Number of Slaves / Slave-address in cascaded annunciator system:

Number / Address	S1/2	S1/3
0	OFF	OFF
1	ON	OFF
2	OFF	ON
3	ON	ON

BSM32-C/ BSM32-P

Default configuration:

Function	Default configuration
Reporting sequence 1 Reporting sequence 2	New-value with 1-frequency flashing and single acknowledgement First-up with 1-frequency flashing and single acknowledgement
Signal inputs LED-colour	Response delay 100 ms red *(for fault annunciation)* / green *(for operation indication)*
Collective report Horn Horn lock	static / output-parallel retriggerable, manual acknowledgement no
Function input 1 Function input 2	Horn acknowledgement Lamp acknowledgement
Button 1 Button 2 Button 3 Button 4	Horn acknowledgement Lamp acknowledgement Lamptest No function
Function relay 1 Function relay 2 Function relay 3 Function relay 4	Collective report 1 *(all fault annunciation inputs activate collective report 1)* No function Horn Alive-contact

Function of the DIP-switches:

DIP-switch	Function	DIP-switch-setting	
		OFF	ON
S1/1	Master- or Slave-device in cascaded system	Master	Slave
S1/2	For Master: Number of Slaves / For Slave: Slave-address	Ref. to sep. table	Ref. to sep. table
S1/3	For Master: Number of Slaves / For Slave: Slave-address	Ref. to sep. table	Ref. to sep. table
S1/4	Use parameters from DIP-switch or parameterization software	Software	DIP-switches
S10/1, S12/1, S14/1, S16/1	Normally open / normally closed principle for signal inputs on board X10, X12, X14, X16	Normally open	Normally closed
S10/2, S12/2, S14/2, S16/2	Signal inputs on board X10, X12, X14, X16 configured as fault annunciation / operation indication	fault an-nunciation	Operation indication
S12/3	Horn retriggerable by follow-up alarms	No	Yes
S12/4	Reporting sequence	1	2

Number of Slaves / Slave-address in cascaded annunciator system:

Number / Address	S1/2	S1/3
0	OFF	OFF
1	ON	OFF
2	OFF	ON
3	ON	ON

BSM40-C/ BSM40-P

Default configuration:

Function	Default configuration
Reporting sequence 1 Reporting sequence 2	New-value with 1-frequency flashing and single acknowledgement First-up with 1-frequency flashing and single acknowledgement
Signal inputs LED-colour	Response delay 100 ms red *(for fault annunciation)* / green *(for operation indication)*
Collective report Horn Horn lock	static / output-parallel retriggerable, manual acknowledgement no
Function input 1 Function input 2	Horn acknowledgement Lamp acknowledgement
Button 1 Button 2 Button 3 Button 4	Horn acknowledgement Lamp acknowledgement Lamptest No function
Function relay 1 Function relay 2 Function relay 3 Function relay 4	Collective report 1 *(all fault annunciation inputs activate collective report 1)* No function Horn Alive-contact

Function of the DIP-switches:

DIP-switch	Function	DIP-switch-setting	
		OFF	ON
S1/1	Master- or Slave-device in cascaded system	Master	Slave
S1/2	For Master: Number of Slaves / For Slave: Slave-address	Ref. to sep. table	Ref. to sep. table
S1/3	For Master: Number of Slaves / For Slave: Slave-address	Ref. to sep. table	Ref. to sep. table
S1/4	Use parameters from DIP-switch or parameterization software	Software	DIP-switches
S10/1, S12/1, S14/1, S16/1, S18/1	Normally open / normally closed principle for signal inputs on board X10, X12, X14, X16, X18	Normally open	Normally closed
S10/2, S12/2, S14/2, S16/2, S18/2	Signal inputs on board X10, X12, X14, X16, X18 configured as fault annunciation / operation indication	fault an-nunciation	Operation indication
S12/3	Horn retriggerable by follow-up alarms	No	Yes
S12/4	Reporting sequence	1	2

Number of Slaves / Slave-address in cascaded annunciator system:

Number / Address	S1/2	S1/3
0	OFF	OFF
1	ON	OFF
2	OFF	ON
3	ON	ON

BSM48-C/ BSM48-P

Default configuration:

Function	Default configuration
Reporting sequence 1 Reporting sequence 2	New-value with 1-frequency flashing and single acknowledgement First-up with 1-frequency flashing and single acknowledgement
Signal inputs LED-colour	Response delay 100 ms red *(for fault annunciation)* / green *(for operation indication)*
Collective report Horn Horn lock	static / output-parallel retriggerable, manual acknowledgement no
Function input 1 Function input 2	Horn acknowledgement Lamp acknowledgement
Button 1 Button 2 Button 3 Button 4	Horn acknowledgement Lamp acknowledgement Lamptest No function
Function relay 1 Function relay 2 Function relay 3 Function relay 4	Collective report 1 *(all fault annunciation inputs activate collective report 1)* No function Horn Alive-contact

Function of the DIP-switches:

DIP-switch	Function	DIP-switch-setting	
		OFF	ON
S1/1	Master- or Slave-device in cascaded system	Master	Slave
S1/2	For Master: Number of Slaves / For Slave: Slave-address	Ref. to sep. table	Ref. to sep. table
S1/3	For Master: Number of Slaves / For Slave: Slave-address	Ref. to sep. table	Ref. to sep. table
S1/4	Use parameters from DIP-switch or parameterization software	Software	DIP-switches
S10/1, S12/1, S14/1, S16/1, S18/1, S20/1	Normally open / normally closed principle for signal inputs on board X10, X12, X14, X16, X18, X20	Normally open	Normally closed
S10/2, S12/2, S14/2, S16/2, S18/2, S20/2	Signal inputs on board X10, X12, X14, X16, X18, X20 configured as fault annunciation / operation indication	fault an-nunciation	Operation indication
S12/3	Horn retriggerable by follow-up alarms	No	Yes
S12/4	Reporting sequence	1	2

Number of Slaves / Slave-address in cascaded annunciator system:

Number / Address	S1/2	S1/3
0	OFF	OFF
1	ON	OFF
2	OFF	ON
3	ON	ON

Quick start guide for installation and operation of the parameterization software BSM

The BSM parameterization software is designed for the usage of „Mozilla Firefox“. The software works also with other Browsers, but this may cause a limited functionality of the software.
The following points must be considered when installing the software:

1. Click on exe. file and start the installation (please install the software with administrator-rights)
    a. If they are not yet installed on your PC, two Visual C++ Packets will be installed – this could require a restart of your PC.
2. With double click on the Icon “EES BSM Parametrierung“ you can start the parameterization program.
    a. The start screen will automatically be opened in your browser.
    b. Your Login is admin/admin (Username/Password).
    Now you can start to change the parameters.
3. In the menu „new-loading-save“ select the requested device
4. Now you can configure in the menu “annunciator“ your requested parameters.
    There is in one tab each for the following submenus:
    - Reporting channels
    - Alarm sequence
    - key and functional inputs
    - function relays
    - 1:1-relay (if available in your device)

5. In the tab “Reporting channels“ labelling stripes can be printed as well. Therefore the text of the field “signal name” will be used. To get a two lined text, you can separate the two lines with a “\” (backslash).

    If you finished your changes in a menu, please store your parameters with “Accept Configuration“ before you change the menu.

6. You can save your parameter file in the Menu “new-load-save“ with the button „store“. Depending on your browser-setting[1)] your file will be automatically stored in folder “download” or you can store it under a chosen name in a chosen folder.
    This file later can be loaded with „Load Parameterization “ to be opened in the browser and can be sent to the fault annunciator with button „send parameter“ .

7. If you send the parameter to the fault annunciator with button „send parameter“, please select the COM-Port first, use menu ”serial interface”. There you have to choose the entry assigned to your USB-Port. The port number will be shown in field Comm-port.

In each menu you can access the help-file about your settings with the button “help”.

[1)] To store the file under an individual name you should make the following setting in your Firefox:
Menu Setting → Generally → Downloads → „Always ask me where to save files“
Otherwise the program file will be stored under the name USMDevice.ucf in folder „Downloads“.