

The INNOVATIVE and SMALLEST

Flush Dimmer

	ORDERING CODE	Z-WAVE FREQUENCY		
	ZMNHDD1	868,4 MHz		for the diagram:
	ZMNHDD2	921,4 MHz	N	Neutral lead
-	ZMNHDD3	908,4 MHz	L	Live lead
-	ZMNHDD4	869,0 MHz	N.	Output for elect
-	ZMNHDD5	916,0 MHz	13	Input for switch
-	ZMNHDD8	865,2 MHz	12	Input for switch
			11	Input for push b

This Z-Wave module is used for dimming the bulb or to manage the speed of a fan. The module can be controlled either through a Z-Wave network or through the wall switch. The module is designed to be mounted inside a "flush mounting box", hidden behind a traditional wall switch. Electrical diagram 24VDC Module measures power consumption of bulb or fan and supports connection of digital temperature sensor. It is designed to act as repeater in order to improve range and stability of Z-Wave network.

Supported switches

Module supports mono and bi-stable switches (input I1). Installation

- To prevent electrical shock and/or equipment damage, disconnect electrical power at the main fuse or circuit breaker before installation or any servicing.
- Make sure, that no voltage is present in the installation
- Prevent the disconnecting device from being switched on accidentally
- Connect the module according to electrical diagram. Locate the antenna far from metal elements (as far as ~%
- possible). 13 Do not shorten the antenna. 12
- Danger of electrocution!

- 11 Module installation requires a great degree of skill and may be performed only by a qualified and licensed TS electrician
- Even when the module is turned off, voltage may be present on its terminals.

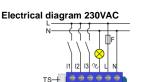
Note!

Do not connect the module to loads exceeding recommended values. Connect the module only in accordance to the below diagrams. Improper connections may be dangerous.

Electrical installation must be protected by directly associated over current protection fuse 1A, gG or Time lag T, rated breaking capacity 1500A (ESKA 522.717) must be used according to wiring diagram to achieve appropriate overload protection of the module. The fuse must be installed in fuse holder type: Adels contact 503 Si/ 1 DS.

Package contents:

Flush Dimmer



Output for electrical device

Input for push button/switch

12 13 2

Output for electrical device

Input for push button/switch

Input for switch/push button or sensor

Input for switch/push button or sensor

Terminal for digital temperature sensor (only for

Flush Dimmer module compatible digital

temperature sensor, which must be ordered

WARNING: Service button S must NOT be used when

according to specifications and if connections are according

NOTE: When overload is detected, module automatically

diagram. To recover module in normal state, you need to

Module Inclusion (Adding to Z-Wave network)

temperature sensor connected - if purchased),

switches off the output. In this case check if the load is

module is connected to 110-230V power supply.

Connect module to power supply (with

Service button (used to add

or remove module from the

Z-Wave network in case of

24 V SELV power supply)

Input for switch/push button or sensor

Input for switch/push button or sensor

Terminal for digital temperature sensor (only

for Flush Dimmer module compatible digital

temperature sensor, which must be ordered

ПF

separately)

Notes for the diagram:

+ VDC

- VDC

separately)

power cycle the module.

•

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enable add/remove mode on main controller

- auto-inclusion (works for about 2 minutes after connected to power supply) or
- press push button 11 three times within 3s (3 times change switch state within 3 seconds) or
- press service button S (only applicable for 24 V SELV Endpoint 2: supply voltage) for more than 2 second.

NOTE1: For auto-inclusion procedure, first set main controller into inclusion mode and then connect module to power supply.

NOTE2: When connecting temperature sensor to module that has already been included, you have to exclude module first. Switch off power supply, connect the sensor and re-include the module.

Module Exclusion/Reset (Removing from Z-Wave network)

- Connect module to power supply
- bring module within maximum 1 meter (3feet) of the main controller.
- enable add/remove mode on main controller,
- press push button 11 five times within 3s (5 times change switch state within 3 seconds) in the first 60 seconds after the module is connected to the power supply or
- press service button S (only applicable for 24 V SELV supply voltage) for more than 6 second.

By this function all parameters of the module are set to default values and own ID is deleted.Please use reset procedure only when the network primary controller is missing or otherwise inoperable."

If push button I1 is pressed three times within 3s (or service button S is pressed more than 2 and less than 6 seconds) module is excluded, but configuration parameters are not set to default values

NOTE: If the module is included with parameters 100 or 101 with values different to default and module reset is done, wait at least 30s before next inclusion.

Association

Association enables Flush Dimmer module to transfer commands inside Z-Wave network directly (without main controller) to other Z-Wave modules.

Associated Groups:

Group 1: Lifeline group (reserved for communication with the main controller), 1 node allowed. Group 2: basic on/off (triggered at change of the input I1 and reflecting state of the output Q) up to 16 nodes Group 3: start level change/stop level change (triggered at change of the input I1 state and reflecting its state) up to 16 nodes Group 4: multilevel set (triggered at changes of state/value of the Flush Dimmer) up to 16 nodes

state and reflecting its state) up to 16 nodes. Group 6: Notification report (triggered at change of the input I2 state and reflecting its state) up to 16 nodes. state and reflecting its state) up to 16 nodes. Group 8: basic on/off (triggered at change of the input I3 Available config. parameters (data type is 2 Byte DEC): state and reflecting its state) up to 16 nodes. Group 9: notification report (triggered at change of the input 13 state and reflecting its state) up to 16 nodes.

Group 10: binary sensor report (triggered at change of the • input I3 state and reflecting its state) up to 16 nodes. Group 11: multilevel sensor report (triggered at change of Flush Dimmer module responds to commands ALL ON / temperature sensor) up to 16 nodes.

Endpoint 1:

Group 1: Lifeline group, 0 nodes allowed. Group 2: basic on/off (triggered at change of the input I1 state and reflecting its state) up to 16 nodes

Group 3: multilevel set (triggered at changes of state/value .

of the Flush Dimmer) up to 16 nodes Group 4: start level change/stop level change (triggered at change of the input I1 state and reflecting its state) up to 16 Parameter no. 12 - Automatic turning on output after nodes

Group 1: Lifeline group, 0 nodes allowed. Group 2: basic on/off (triggered at change of the input I2

state and reflecting its state) up to 16 nodes. Group 3: Notification Report (triggered at change of the input I2 state and reflecting its state) up to 16 nodes. Group 4: Binary Sensor Report (triggered at change of the input I2 state and reflecting its state) up to 16 nodes. Endpoint 3:

Group 1: Lifeline group, 0 nodes allowed.

- Group 2: basic on/off (triggered at change of the input I3, state and reflecting its state) up to 16 nodes. Group 3: Notification Report (triggered at change of the
- input I3 state and reflecting its state) up to 16 nodes. Group 4: Binary Sensor Report (triggered at change of the input I3 state and reflecting its state) up to 16 nodes.

End point 4:

Group 1: Lifeline group, 0 nodes allowed. Group 2: multilevel sensor report (triggered at change of temperature sensor) up to 16 nodes.

Configuration parameters

Parameter no. 1 - Input 1 switch type

- Available config. parameters (data type is 1 Byte DEC): default value 0
- 0 mono-stable switch type (push button) button Parameter no. 30 - Saving the state of the device after a quick press turns between previous set Dimmer value power failure and zero Available config. parameters (data type is 1 Byte DEC):
- 1 bi-stable switch type
- . NOTE: Switch connected to S1 terminal is a master switch. It activates the basic functionality of the Dimmer

Parameter no. 2 - Input 2 switch type

- Available config. parameters (data type is 1 Byte DEC): default value 0
 - 0 mono-stable switch type (push button) button change quick press turns between previous set Dimmer value Set value means percentage, set value from 0 - 100=0% and zero
- 1 bi-stable switch type
- Byte DEC): NOTE: to enable this function, Parameter 20 or Parameter 100 has to be set. •

Parameter no. 3 - Input 2 contact type

- Available config. parameters (data type is 1 Byte DEC): default value 0
 - 0 NO (normally open) input type
- 1 NC (normally close) input type
- Parameter no. 4 Input 3 contact type
- Group 5: basic on/off (triggered at change of the input I2 Available config. parameters (data type is 1 Byte DEC): default value 0
 - 0 NO (normally open) input type
 - 1 NC (normally close) input type
- Group 7: Binary sensor (triggered at change of the input 12 Parameter no. 10 Activate / deactivate functions ALL (data type is 2 Byte DEC): ON / ALL OFF default value 0
 - default value 255
 - 255 ALL ON active, ALL OFF active,
 - 0 ALL ON is not active. ALL OFF is not active
 - 1 ALL ON is not active ALL OFF active
 - 2 ALL ON active, ALL OFF is not active
 - ALL OFF that may be sent by the main controller or by other controller belonging to the system.

Parameter no. 11 - Automatic turning off output after NOTE: The minimum level may not be higher than the set time maximum level! 1% min, dimming value is defined by Z-

Available config. parameters (data type is 2 Byte DEC): default value 0

- 0 Auto OFF disabled 1 - 32536 = 1second - 32536 seconds Auto OFF
- enabled with define time, step is 1 second.

set time

Available config. parameters (data type is 2 Byte DEC):

- default value 0
- . 0 - Auto ON disabled
- 1 32535 = 1second 32535 seconds Auto ON enabled with define time, step is 1 second.

Parameter no. 20 - Enable/Disable 3way switch/ additional switch

Dimming is done by push button or switch connected to I1 (by default). Enabling 3way switch, dimming can be controlled by push button or switch connected to I1 and I2. Available config. parameters (data type is 1 Byte DEC):

- default value 0
- 0 single push button (connected to 11)
- 1 3 way switch (connected to 11 and 12)
- 2 Additional switch (connected to I2)

Parameter no. 21 - Enable/Disable Double click function

If Double click function is enabled, a fast double click on the push button will set dimming power at maximum dimming value. Available configuration parameters (data type is 1 Byte DEC):

0 - Flush Dimmer module saves its state before power

failure (it returns to the last position saved before a

1 - Flush Dimmer module does not save the state after

1 - 100 = 1% - 100% Reporting enabled. Power report

is send (push) only when actual power in Watts in real

time changes for more than set percentage comparing

Parameter no. 40 - Power reporting in Watts on power

100%. Available configuration parameters (data type is 1

to previous actual power in Watts, step is 1%.

send (pushed), independent of percentage set,

Parameter no. 60 - Minimum dimming value

values is set by entered value.

Available config. parameters (data type is 1 Byte DEC):

default value 1 = 1% (minimum dimming value)

NOTE: if power changed is less than 1W, the report is not

Parameter no. 42 - Power reporting in Watts by time

Set value means time interval (0 - 32767) in seconds, when

power report is send. Available configuration parameters

1 - 32767 = 1 second - 32767 seconds. Reporting

enabled. Power report is send with time interval set by

1- 98 = 1% - 98%, step is 1%. Minimum dimming

a power failure, it returns to "off" position.

default value 0

default value 0

power failure).

default value 5

interval

0 - reporting disabled

0 - reporting disabled

entered value

Wave multilevel device class.

0 - double click disabled

1 - double click enabled

Parameter no. 61 - Maximum dimming value

Available config. parameters (data type is 1 Byte DEC): default value 99 = 99% (Maximum dimming value)

2- 99 = 2% - 99%, step is 1%. Maximum dimming values is set by entered value.

NOTE: The maximum level may not be lower than the minimum level! 99% max, dimming value is defined by Z-Wave multilevel device class.

Parameter no. 65 - Dimming time (soft on/off)

Set value means time of moving the Dimmer between min. and max. dimming values by short press of push button I1 or controlled through UI (BasicSet). Available configuration . parameters (data type is 2 Byte DEC);

- default value 100 = 1s
- 50 255 = 500 mseconds 2550 mseconds (2,55s). step is 10 mseconds

Parameter no. 66 – Dimming time when key pressed

Time of moving the Dimmer between min. and max . associated device. Available configuration parameters (data SPECIFIC TYPE NOT USED type is 2 Byte DEC):

- default value 3 = 3s
- 1- 255 = 1 second 255 seconds

Parameter no. 67 - Ignore start level

This parameter is used with association group 3. A receiving device SHOULD respect the start level if the Ignore Start Level bit is 0. A receiving device MUST ignore Parameter no. 110 - Temperature sensor offset settings the start level if the Ignore Start Level bit is 1. Available configuration parameters (data type is 1 Byte DEC):

- default value 0
- 0 - respect start level
- 1 ignore start level

Parameter no. 68 - Dimming duration

This parameter is used with association group 3. The Duration field MUST specify the time that the transition . should take from the current value to the new target value. A supporting device SHOULD respect the specified Parameter no. 120 -Temperature sensor reporting Duration value. Available configuration parameters (data If digital temperature sensor is connected, module reports type is 1 Byte DEC):

- parameter 66)
- 1 127 (from 1 to 127 seconds)

Parameter no. 100 - Enable / Disable Endpoints I2 or select Notification Type and Event

Enabling I2 means that Endpoint (I2) will be present on UI. Parameter No. 249 - Enable/Disable Reporting on Set Disabling it will result in hiding the endpoint according to the parameter set value. Additionally, a Notification Type and Available configuration parameter (data type is 1 Byte Dec): Event can be selected for the endpoint. Available configuration parameters (data type is 1 Byte DEC):

Endpoint device type selection:

- notification sensor (1 - 6):

GENERIC TYPE SENSOR NOTIFICATION, SPECIFIC TYPE NOTIFICATION SENSOR

- default value 0 •
- 1 Home Security; Motion Detection, unknown loc.
- 2 CO: Carbon Monoxide detected, unknown loc.
- 3 CO2: Carbon Dioxide detected, unknown loc.
- 4 Water Alarm: Water Leak detected, unknown loc. 5 - Heat Alarm: Overheat detected, unknown loc.
- 6 Smoke Alarm: Smoke detected, unknown loc.
- 0 Endpoint 12 disabled
- sensor binary (9): GENERIC_TYPE_SENSOR_BINARY, Technical Specifications SPECIFIC_TYPE_NOT_USED
- 9 Sensor binary

NOTE1: After parameter change, first exclude module (without setting parameters to default value) then wait at least 30s and then re include the module! NOTE 2: When the parameter is set to value 9 the notifications are send for Home Security.

Parameter no. 101 - Enable / Disable Endpoints I3 or select Notification Type and Event

Enabling I3 means that Endpoint (I3) will be present on UI. Disabling it will result in hiding the endpoint according to the parameter set value. Additionally, a Notification Type and Event can be selected for the endpoint. Available configuration parameters (data type is 1 Byte DEC):

Endpoint device type selection: - notification sensor (1 - 6):

GENERIC TYPE SENSOR NOTIFICATION, SPECIFIC_TYPE_NOTIFICATION SENSOR

- . default value 0
 - 1 Home Security; Motion Detection, unknown loc.
 - 2 CO: Carbon Monoxide detected, unknown, loc.
 - 3 CO2; Carbon Dioxide detected, unknown loc.
 - 4 Water Alarm; Water Leak detected, unknown loc.
- 5 Heat Alarm: Overheat detected, unknown loc. 6 - Smoke Alarm: Smoke detected, unknown loc.

0 - Endpoint, I3 disabled dimming values by continues hold of push button 11 or - sensor binary (9): GENERIC_TYPE_SENSOR_BINARY,

- 9 Sensor binary
- NOTE1: After parameter change, first exclude module (without setting parameters to default value) then wait at least 30s and then re include the module NOTE 2: When the parameter is set to value 9 the

notifications are send for Home Security.

Set value is added or subtracted to actual measured value by sensor. Available configuration parameters (data type is the gateway 2 Byte DEC):

- default value 32536 .
- 32536 offset is 0.0C
- to actual measured temperature.
- subtracted to actual measured temperature

- measured temperature on temperature change defined by • default value 0 (dimming duration according to this parameter. Available configuration parameters (data type is 1 Byte DEC):
 - default value 5 = 0,5°C change
 - 0 reporting disabled
 - 1 127 = 0,1°C 12,7°C, step is 0,1°C

command

- default Value 1
- 0 Disable reporting
 - 1 Enable reporting

Parameter No. 250 - Unsecure / Secure Inclusion

- default Value 0
- 0 Unsecure Inclusion
- 1 Secure Inclusion

A Flush dimmer supports secure and unsecure inclusion. Even if the controller does not support security command classes, a dimmer could be included as unsecure and keep all the functionality.

Power supply	110 - 230 VAC ±10%		
	50 or 60Hz**,(24-30VDC)		
Rated load current of AC	0,6A / 230VAC		
output			
Rated load current of DC	0,85A / 30VDC		
output			

Out	put circuit power of AC	140W (230VAC)
outp	out (resistive load)*	
Out	put circuit power of DC	21W (24VDC)
outp	out (resistive load)	
	ver measurement accuracy	+/-2W
Digi	ital temperature sensor	-50 ~ +125°C
rang	ge (sensor must be	
orde	ered separately)	
Ope	eration temperature	-10 ~ +40°C
Dist	tance	up to 30 m indoors
		(depending on building
		materials)
Dim	ensions (WxHxD)	41,8x36,8x15,4mm
(pad	ckage)	(79x52x22mm)
Wei	ight (Brutto with package)	28g (34g)
Elec	ctricity consumption	0,7W
For	installation in boxes	Ø ≥ 60mm or 2M,
		depth≥ 60mm
Swi	tching	MOSFET (Trailing edge)

*max 100W mono-phase asynchronous fan motor can be connected to Dimmer output.

** depend on ordering code

Max Power Limit is automatically set by a software. If max power is exceeded for more than 5 seconds, the output is COMMAND_CLASS_NOTIFICATION_V5 turned off up to the next power cycle of the module.When COMMAND_CLASS_MARK overload occurred, Event "Over-load detected" is send to COMMAND_CLASS_BASIC_V1 COMMAND CLASS SWITCH MULTILEVEL V3

Consumption in kWh is reported on every change for Endpoint 2 (12): 0.1kWh

Description of switch function:

From 1 to 100 - value from 0.1 °C to 10.0 °C is added Switch toggles (parameter 1 set to 1) the state of the light bulb between the last dimming value and 0. If last dimming From 1001 to 1100 - value from -0.1 °C to -10.0 °C is value is 0 then the light is turned 100% when switch changes its state.

Bulb types which support dimming function:

- The classical incandescent bulbs.
- Halogen bulbs operated by 230 V AC (High Voltage Halogen).
- Low voltage halogen bulbs with electronic or • conventional transformer.
- Dimmable compact fluorescent bulb (CFL). If the bulb at low intensities flushes, it is recommended to set parameter 60 (minimum dimming value) to 30 or more

Dimmable LED bulbs.

Wave Device Class:

ZWAVEPLUS_INFO_REPORT_ROLE_TYPE_SLAVE_ALWAYS_0N GENERIC TYPE SWITCH MULTILEVEL SPECIFIC TYPE POWER SWITCH MULTILEVEL

Available configuration parameter (data type is 1 Byte Dec); Z-Wave Supported Command Classes:

COMMAND CLASS ZWAVEPLUS INFO V2. COMMAND CLASS VERSION V2 COMMAND CLASS DEVICE RESET LOCALLY V1 COMMAND CLASS MANUFACTURER SPECIFIC V2 COMMAND CLASS POWERLEVEL V1 COMMAND_CLASS_SECURITY

Securely Supported Command Classes:

COMMAND_CLASS_SWITCH_ALL_V1 COMMAND CLASS SWITCH BINARY V1 COMMAND_CLASS_SENSOR_BINARY_V1 COMMAND CLASS SWITCH MULTILEVEL V3 COMMAND_CLASS_METER_V4 COMMAND CLASS SENSOR MULTILEVEI V7 COMMAND CLASS NOTIFICATION V5

COMMAND_CLASS_MULTI_CHANNEL_V4 COMMAND CLASS ASSOCIATION 2 COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION_V3 COMMAND CLASS ASSOCIATION GRP INFO V2 COMMAND CLASS CONFIGURATION V1 COMMAND CLASS MARK COMMAND CLASS BASIC V1 COMMAND CLASS SWITCH MULTILEVEL V3

COMMAND_CLASS_ZWAVEPLUS_INFO_V2

COMMAND CLASS MULTI CHANNEL ASSOCIATION V3

NOTE: The above list is valid for the product with a

temperature sensor connected to TS terminal. In case the

sensor is not connected then following command class isn't

Smoke Alarm v2 - Smoke detected, unknown loc. (0x02)

CO Alarm v2 - CO detected, unknown location (0x02)

CO2 Alarm - CO2 detected, unknown loc (0x02)

- Water Alarm v2 - Water Leak detected, unknown

Heat Alarm v2 – Overheat detected, unknown location

- Home Security - Motion Detection, unknown location

- The module will be turned ON or OFF after receiving the

BASIC SET command. To be turned ON: [Command

Class Basic . Basic Set. Basic Value = 0x01~0x63 in

- To be turned OFF:[Command Class Basic , Basic Set,

included and operated in any Z-Wave network with other Z-

Wave certified devices from any other manufacturers. All

repeaters regardless of the vendor in order to increase

Z-Wave wireless communication is inherently not always

in situations in which life and/or valuables are solely

municipal waste, use separate collection facilities.

100% reliable, and as such, this product should not be used

Do not dispose of electrical appliances as unsorted

Contact your local government for information regarding the

collection systems available. If electrical appliances are

disposed of in landfills or dumps, hazardous substances

can leak into the groundwater and get into the food chain,

damaging your health and well-being. When replacing old

appliances with new once, the retailer is legally obligated to

take back your old appliance for disposal at least for free of

NOTE: User manual is valid for module with SW version S3

Qubino

Goap d.o.o. Nova Gorica

Ulica Klementa Juga 007

E-mail: info@gubino.com

Web: www.gubino.com

Date: 29.12.2016

+386 5 335 95 00

Document: Qubino Flush Dimmer

PLUS user manual V1.9 eng

This user manual is subject to change and improvement

(SW version is part of P/N)! Example: P/N: ZMNHDDx

5250 Solkan

Slovenia

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constantly powered nodes in the same network will act as

This Security Enabled Z-Wave Plus product can be

COMMAND CLASS ASSOCIATION GRP INFO V2

COMMAND CLASS SENSOR MULTILEVEL V7

COMMAND CLASS SENSOR MULTILEVEL V7

NOTE: The product supports the following

COMMAND CLASS NOTIFICATION V5 events:

COMMAND CLASS ASSOCIATION V2

COMMAND CLASS SECURITY

supported:

(0x02)

(0x08)

location (0x02)

COMMAND CLASS BASIC:

Basic Value = 0x001

reliability of the network.

Important disclaimer

dependent on its function.

Warning!

charge.

Hx**S3**Px

without notice.

percentage: FF set to last value]

Endpoint 1 Device Class:

ZWAVEPLUS INFO REPORT ROLE TYPE SLAVE ALWAYS ON GENERIC TYPE SWITCH MULTILEVEL SPE SPECIFIC TYPE POWER SWITCH MULTILEVEL Command Classes COMMAND CLASS ZWAVEPLUS INFO V2 COMMAND_CLASS_SECURITY COMMAND CLASS ASSOCIATION 2 COMMAND CLASS MULTI CHANNEL ASSOCIATION V3

ZWAVEPLUS INFO REPORT ROLE TYPE SLAVE ALWAYS ON

COMMAND CLASS ASSOCIATION GRP INFO V2 COMMAND CLASS SWITCH ALL V1

- COMMAND CLASS SWITCH BINARY V1
- COMMAND CLASS SWITCH MULTILEVEL V3 COMMAND CLASS METER V4

GENERIC_TYPE_SENSOR_NOTIFICATION

SPECIFIC TYPE NOTIFICATION SENSOR

COMMAND CLASS ZWAVEPLUS INFO V2

COMMAND CLASS ASSOCIATION V2

COMMAND_CLASS_SENSOR_BINARY_V1

GENERIC_TYPE_SENSOR_NOTIFICATION

SPECIFIC TYPE NOTIFICATION SENSOR

COMMAND CLASS ZWAVEPLUS INFO V2

COMMAND_CLASS_ASSOCIATION_V2

COMMAND CLASS SENSOR BINARY V1

COMMAND CLASS NOTIFICATION V5

GENERIC_TYPE_SENSOR_MULTILEVEL

SPECIFIC TYPE ROUTING SENSOR MULTILEVEL

COMMAND_CLASS_NOTIFICATION_V5

COMMAND CLASS SECURITY

COMMAND_CLASS_MARK

Endpoint 3 (I3):

Command Classes:

COMMAND CLASS SECURITY

COMMAND CLASS MARK

Endpoint 4:

Device Class:

Command Classes:

COMMAND_CLASS_BASIC_V1

Device Class:

COMMAND CLASS BASIC V1

Securely Supported Command Classes:

COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION_V3

ZWAVEPLUS INFO REPORT ROLE TYPE SLAVE ALWAYS ON

COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION_V3

ZWAVEPLUS INFO REPORT ROLE TYPE SLAVE ALWAYS ON

COMMAND CLASS ASSOCIATION GRP INFO V2

COMMAND CLASS ASSOCIATION GRP INFO V2

Device Class: