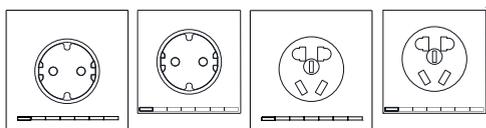
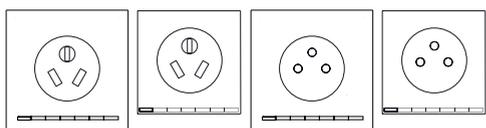


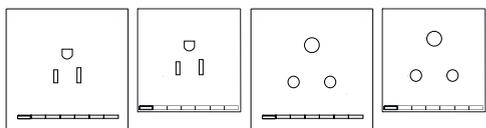
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10021108-XXX 10002041-XXX 10021109-XXX 10002038-XXX
10024108-13X 10004041-13X



10021110-XXX 10002039-XXX 10020127-13X 10002042-13X



10020130-y3X 10002022-y3X 10020140-y3X 10002082-y3X

DESCRIPTION

Once plugged to 10002432-039 / 10002460-039 / 10002462-039 This Front permits the direct control of a load plugged toggling it each time that the pushbutton is. It is also possible to control the load using Z-Wave devices.

KEYPAD USE & FEEDBACKS

EVENT	KEYPAD ACTION	LOAD STATE	FEEDBACK LEDES	LOAD ACTION
	Not pressed	Not included into a Z-Wave Network	- Central LED blinks slow - Feedbacks detailed on "Included in a Z-Wave Network" are also performed	
		Included in a Z-Wave Network	- OFF due to load a limit consumption (LED1 red blinking) - OFF with no load limit consumption (LED1 white) - ON with load limit consumption (LED1 orange) - ON with no load limit consumption (LED1 green) - Beacon, LEDs 1..7 set their intensity according Param 3. - Error, Fast blink in Central LED.	Load is deactivated if load consumption limit is exceeded Load is deactivated if load consumption (16A) is exceeded
Press key	Short press (t<2sec)	OFF ON	LED1 turns green or orange LED1 turns white	Load is activated Load is deactivated
Add/Remove to/from Z-Wave Network	Long press 2s<t<30s		Central LED blinks until release of Pushbutton	The Node Information Frame is sent via Z-Wave
Reset default**	Long press t>30s		Main LED light up for 2.5 sec	Reset to default state

* If the stop button is not pressed, the push button LED will blink red 3 times at a frequency of 0.5s
* Some of the functions can be changed depending on the configuration parameters.
** Please use this procedure only when the network primary controller is missing or otherwise inoperable.

Z-WAVE COMPLIANCE

This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

Z-WAVE SPECIFICATIONS

Z-WAVE DEVICE SPECIFICATION		SUPPORTED COMMAND CLASSES	
Device Type	ON/OFF_POWER_SWITCH	COMMAND_CLASS_ZWAVEPLUS_INFO_V2	
Generic Device Type	GENERIC_TYPE_SWITCH_BINARY	COMMAND_CLASS_VERSION_V2	
Specific Device Type	SPECIFIC_TYPE_POWER_SWITCH_BINARY	COMMAND_CLASS_MANUFACTURER_SPECIFIC_V2	
Role Type	ROLE_TYPE_SLAVE_ALWAYS_ON	COMMAND_CLASS_BASIC_V1	
		COMMAND_CLASS_ASSOCIATION_V2	
		COMMAND_CLASS_ASSOCIATION_GRP_INFO_V3	
		COMMAND_CLASS_POWERLEVEL_V1	
		COMMAND_CLASS_CONFIGURATION_V2	
		COMMAND_CLASS_DEVICE_RESET_LOCALLY_V1	
		COMMAND_CLASS_FIRMWARE_UPDATE_MD_V4	
		COMMAND_CLASS_METER_V4	
		COMMAND_CLASS_SWITCH_BINARY_V1	

ASSOCIATION GROUPS

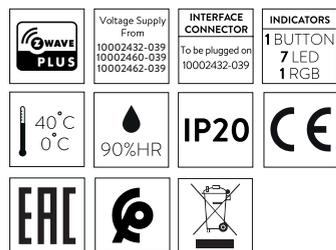
ID	1 (Lifeline)
Nombre	"LIFELINE"
Max. Nodos	3
CommandClass Asociadas	COMMAND_CLASS_BASIC_REPORT It is sent to the associated nodes when the load changes state: ON -> 0xFF OFF -> 0x00
	COMMAND_CLASS_METER_REPORT_V4 It is sent to the associated nodes when the power consumed varies more than 10% "Electric meter"; "Consumed"; "Watts"; Size 4, Precision 1, Value (W) COMMAND_CLASS_DEVICE_RESET_LOCALLY_NOTIFICATION The associated nodes are sent when the device is removed from the Z-Wave network
ID	2 (Control)
Nombre	"CTRL"
Max. Nodos	20
CommandClass Asociadas	COMMAND_CLASS_BASIC_REPORT It is sent to the associated nodes when the load changes state: ON -> 0xFF OFF -> 0x00

CONFIGURACIONES

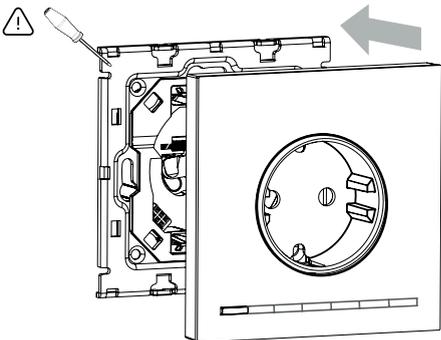
NAME	SIZE	VALUE
1 Central LED	1	0x00 -> (Default value) Turns off the center LED 0xFF -> Turn on the center LED
2 Custom consumption limit	2	0x0000 -> (Default value) Disables custom consumption limit 0x0001- 0xFFFF -> Sets the power in Watts that is supported (once the load is over, it is disabled).
3 Beacon	1	0x00 -> (Default value) Disables the beacon function 0x01-0x63 (1-100%) -> Sets the intensity of the beacon LEDs.
10 On Timed	1	0x00 -> (Default value) Disables timing
11 OFF Timed		0x01-0x7F -> Sets a timing with a range of (1-127sec)
16 Delayed OFF		0x80-0xFE -> Sets a timing with range of (1-127/min)
13 Load lock	1	0x00 -> (Default value) Enables the pushbutton to control the load 0xFF -> Disables the action of the pushbutton on the load
15 Reset default (Write Only)	2	0x9867 -> Parameters, Groups and Z-Wave status are restored to the default values. 0x4312 -> Parameters, with the exception of Long Pulse Lock, are reset to default values.
17 PostReset State	1	0x00 -> Restart with the relay disabled. 0xFF -> (Default value) Recover the previous state.
19 Action when pressing	1	0x00 -> TOGGLE (Default value). A short press (t < 2s) switches the load 0x01 -> ON. A short press (t < 2s) activates the load 0x02 -> OFF. A short press (t < 2s) deactivates the load
20 Identify (Write Only)	1	0xFF -> The central LED flashes for 5 seconds at a frequency of 0.1s
21 Charge status (Read Only)	2	[Byte 0] 0x00 -> Charging is disabled 0x01 -> Charging is activated [Byte 1] 0x00 -> Charging is disabled 0xFF -> Charging is activated
27 Long key press	1	0x00 -> (Default value) The long press (t > 2s) works as described in the usage and signalling table 0xFF -> Pressing 2s < t < 10s does not send Node Info Pressing t > 30s resets the configuration parameters except Long Hold Lock and sends a Node Info

⚠ All These configurations are not restored to default when device is removed from network. COMMAND_CLASS_DEVICE_RESET_LOCALLY -> DEVICE_RESET_LOCALLY_NOTIFICATION will be sent to inform controller that node has been removed from network, but the device will keep the current configurations.
To restore the configurations values, please perform one of these actions:
- Use Command CONFIGURATION SET with default bit to 1 for each configuration parameter.
- Perform Reset Default Action via keypad pressing or configuration command default.

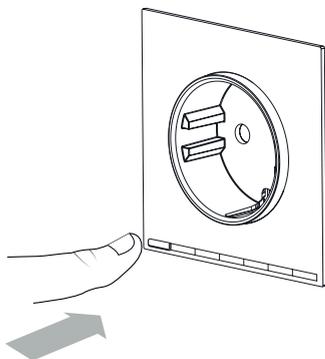
Características técnicas



INSTALLATION



⚠ To remove it is necessary to use a tool applied in the marked areas.



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