User Guide

Rotary Multiway Dimmer
Item NO.: D360MP
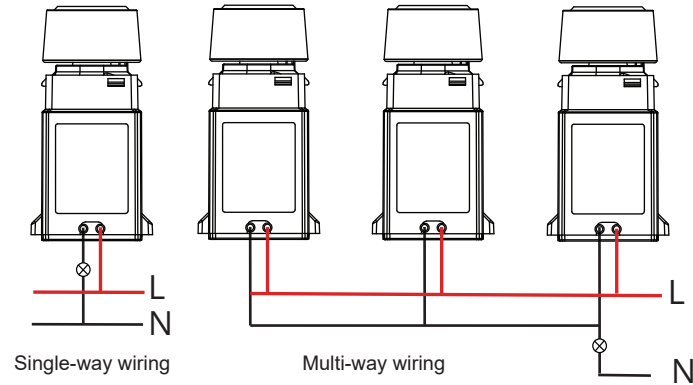
HZ electric
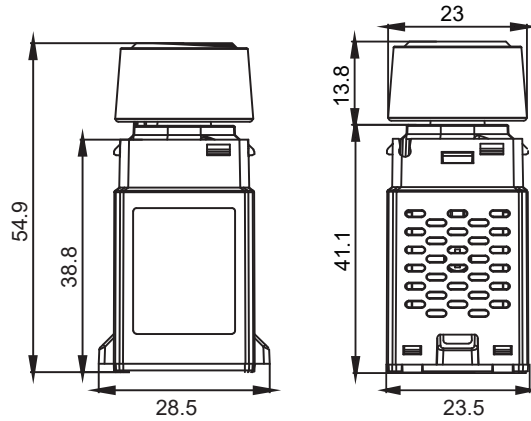
① Min. brightness adjustable
② Max. brightness self-adjust
③ Speed adjustable
④ No neutral required
⑤ Turn-off memory
⑥ OT & OL protection
⑦ Soft start protection

1. Technical Data

Model No.		D360MP
Description		Rotary Multiway Dimmer
Input Voltage		220-240V
Input frequency		50Hz
Load	LED	5-300W
	Incandescent	5-300W
	Halogen	5-300W
Dimming mode		Trailing edge
Control Way		multiway
Material	Heatsink	Aluminum
	Bottom Case	PC
Color		black
Weight(g)		26.1
Operating temperature		-10℃～+40℃
Dimension(mm)		54.9*28.5*23.5*

2. Dimmer wiring diagram

Single-way wiring   Multi-way wiring

3. Operation and function

Overcurrent protection	1.7A-2.1A
Over temperature protection	120℃-140℃
Get-up mode	1.Press the dimmer button twice in a row while the lights off, and the light will graduallybrighten from the minimum brightness to the maximum brightness over 30 minutes. 2.The indicator light flashes once every 2 seconds during the process 3. Any operation on any dimmer in parallel can exit this mode.
Fall-asleep mode	1.Press the dimmer button twice in a row while the lights on, and the light witl graduallydim from the current brightness until it is turned off over 30 minutes 2.The indicator light flashes once every 2 seconds during the process 3. Any operation on any dimmer in parallel can exit this mode
Enter configuration mode (all dimmers enter this mode simultaneouslv)	1.When the dimmer is powered on for <15 mins: a. Press and hold the button for 10sDuring the process, the light will dim normally and the light goes out at 10s, all dimmerindicator lights will flash twice per second, indicating that the dimmer has enteredconfiguration mode (if there are multiple dimmers in parallel, all dimmers will enterconfiguration mode at the same time). 2.When the dimmer is powered on for > 15 mins: a. Press and hold the button for 30sDuring the process, the light will dim normally and the light goes out at 30s, all dimmerindicator lights will flash twice per second, indicating that the dimmer has enteredconfiguration mode (if there are multiple dimmers in parallel, all dimmers will enterconfiguration mode at the same time). 3.After entering the configuration mode, the power-on time will be reset. If you exit thismode within 15mins, you can enter the configuration mode again via press and holdthe button for 10s. 4. 30s timeout, it will automatically exits the configuration mode
Max. brightness setting (all dimmers enter this mode simultaneously)	1. Enter configuration mode 2. Press the dimmer button 3 times quickly, all dimmers enter the maximum brightnesssetting mode, the lights return to the original maximum brightness setting, The indicator lights on all dimmers will blink 3 times and pause for 1 second. (if no operation is performed within 30s afterentering the configuration mode, it will exit the configuration mode). 3. Rotate the dimmer knob to set the brightness to the highest level (if there are multiple dimmers in parallel, other dimmers can be set as well), the maximumbrightness setting range is 1-100%. 4. Press any dimmer button once, all dimmers save the current brightness as themaximum brightness and exit configuration mode, the indicator flashes quickly 8 times
Min. brightness setting (all dimmers enter this mode simultaneously)	1. Enter configuration mode 2. Press the dimmer button twice quickly, all dimmers enter the minimum brightness setting mode, the light return to the original minimum brightness setting, The indicator lights on all dimmers will blink twice per second and pause for 1 second. (if no operation is performed within 30s after entering the configuration mode, it will exit the configuration mode). 3. Press and hold the dimmer button to set the minimum brightness that you need (if there are multiple dimmers in parallel, other dimmers can be set as well), the minimum brightness setting range is 1-100%. 4. Press any dimmer button once, all dimmers save the current brightness as the minimum brightness and exit configuration mode, the indicator flashes quickly 8 times.

Quick start brightness on/off settings (all dimmers enter this mode simultaneously)	1. Enter configuration mode 2. Quickly press the dimmer button 4 times to enter the quick start brightness on/offmode for all dimmers. If the light is off, it means the quick start brightness function isdisabled (by default). If the light is on and at the Max. brightness, it meas function isenabled. The indicator lights on all dimmers will blink 4 times and pause for 1 second.(if no operation is performed within 30safter entering the configuration mode, it will exit the configuration mode). 3. Rotating the dimmer knob will turn the load light on or off. (the light only has two statesin this setting: off or maximum brightness). 4. Press any dimmer button once to save the current quick start brightness state, on(when the light is on) or off (when the light is off) and exit the configuration mode. Theindicator light will flash quickly 8 times.5. If the light is turned on at less than 50% brightness, it will first light up to 50%brightness and then return to the set brightness.
Indicator light status setting when turning off the lights (1 dimmer enters this mode)	1. Enter configuration mode 2. Quickly press the dimmer button 5 times to enter the mode of setting the indicator light status, and other connected dimmers will exit the configuration mode. The indicator light of the current dimmer flashes 5 times and pause for 1 second, and the indicator light of other dimmers returns to normal steady light (if no operation is performed within 30s after entering the configuration mode, it will exit the configuration mode). 3. When the dimmer's indicator light is off, the load light is on; when the indicator light is on, the load light is off. Rotating the dimmer knob will change the state of the load light between on and off (under this setting, the load light can only be either off or at maximum brightness). 4. Briefly press the dimmer knob once to save the setting: the load light will be set to either on (when the load light is on) or off (when the load light is off). The indicator light will flash rapidly 8 times to confirm the setting and exit. 5. When the dimmer is powered off, the indicator light will stay on for 15 seconds before turning off.
Independent switch mode setting (1 dimmer enters this mode)	1. Enter configuration mode 2. Press the current dimmer button 6 times quickly to enter the setting mode, other dimmers will exit the configuration mode. The indicator light of the current dimmer flashes 6 times and pause for 1 second, while the indicator lights of other dimmers return to normal. (If no operation is performed within 30s after entering the confirguration mode, it will exit the configuration mode.) 3. If the light is on, it means the function is enabled, if the light is off, it means the function is disabled. Press the dimmer button can change the light to off or on. The default independent switch mode is off. When the independent switch mode is turned on, it should be connected to an external mechanical switch, The dimmer's knob function for turning off the light will be canceled. 4. Press the current dimmer button once to save the function on (light on, the brightness is the same as when the power is turned on) or off (light off) and exit this mode, the indicator light flashes quickly 8 times. 5. When switching/memory dimming is set to switch dimming, pressing the button will switch between maximum and minimum brightness. When switching/memory dimming is set to memory dimming, short pressing the knob will switch between the memorized brightness and minimum brightness.
Switch/Memory dimming settings (all dimmers enter this mode simultaneously)	1. Enter configuration mode 2. Press the current dimmer button 7 times quickly to enter the setting mode. All dimmer indicator lights will flash 7 times (if no operation is performed within 30s after entering the configuration mode, it will exit the configuration mode). 3. If the light is on and at the maximum brightness, it means the memory function is enabled. If the light is off, it means the switch function is enabled (by default). Press and hold any dimmer button can change the status of the light on or off. 4. Press any dimmer button once, all dimmers will save the current function and exit the configuration mode, and the indicator light will flash quickly 8 times. 5. The default is switch dimming function, which means that after turning on the light, the light will reach the maximum brightness, for the memory dimming function, it means that after turning on the light, the light will reach the remembered brightness.
Multi-way dimming mode setting (1 dimmer enters this mode)	1. Enter configuration mode 2. Quickly press the current dimmer button 8 times to enter the setting mode, and the indicator light flashes 8 times. Other dimmers exit the configuration mode, and the indicator light returns to normal. (If no operation is performed within 30s after entering the configuration mode, it will exit the configuration mode). 3. If the light is on, it means the current dimmer is in multi-way dimming mode. If the light is off, it means the current dimmer is in single-way dimming mode. Press dimmer button can change the status of the light on or off. Press the current dimmer button once to save the current dimming mode and exit, the indicator light will flash quickly 8 times.

Three-step dimming mode setting (1 dimmer enters this mode)	1. Enter configuration mode 2. Quickly press the dimmer button 9 times to enter the setting mode, the indicator light flashes 9 times, and other dimmers exit the configuration mode and the indicator light returns to normal. 3. If the light is off, it means the 3-step dimming mode is disabled (by default), if the light is on, it means the 3-step dimming mode in enabled. Press dimmer button can change the status of the light on or off. 4, Press the current dimmer button once to save the current mode state, the indicator light flashes quickly 8 times. 5. In the 3-step dimming mode, press the dimmer button to cycle through 3 brightness levels: off -> minimum brightness -> 50% brightness -> maximum brightness. When press and hold the button, it will switch to the next state every 1.5 seconds. When set to independent switch mode, the brightness will cycle through minimum brightness -> 50% brightness -> maximum brightness.
Reset the dimmer (1 dimmer enters this mode)	1. Enter configuration mode 2. Press the dimmer button quickly 10 times to reset all settings of the current dimmer. The indicator light will flash quickly 8 times, and other dimmers will exit the configuration mode. The indicator light will return to normal. 3. This function only resets the current dimmer, and does not affect other dimmers.
Indicator Light Status Description	**1. No Action:** (1) The indicator light remains dimly lit. (2) When the load light is off and the indicator light is set to off in this state, the indicator light will not illuminate. **2. Dimming:** (1) During dimming, the indicator light on the currently adjusted dimmer will stay on (bright) for 15 seconds, while other dimmers will stay on (bright) for 2 seconds before returning to the dimly lit state. (2) When adjusted to maximum or minimum brightness, the indicator light will flash once. (3) When the load light is off, all dimmer indicator lights will stay on (bright) for 15 seconds, then return to the dimly lit state or off state (if set to off). **3. Setting:** (1) Entering setup mode: The indicator light will flash 2 times per second. (2) Pressing the button to enter a specific setting: The indicator light will flash according to the number of presses. (3) Saving settings: The indicator light will flash rapidly 8 times. **4. Get-up or Fall-asleep Mode:** (1) The indicator light will flash once every 2 seconds.

4.WARNING

a. Installation must be carried by a qualified electrician.

b. Before installation, please check whether it conforms to local electric standards

c. Power supply must be turn off when install and clean the dimmer. Wipe the surface dust or dirt with soft cloth or tissue, do not use the detergent or other corrosive chemical solution.

d. Please place and protect the cover properly when it' s in installation to avoid the damage.

e. There is no strong impact, vibration, electromagnetic field interference, corrosion, or dusty gas around the usage environment

f. The product should avoid frost, condensation, water seepage, rain, etc.