

Parameters

Electrical Parameters:

Buspro power supply	DC12-30V
Type	MWM70B.22
Rated voltage	AC220V
Rated power	75W
Rated torque	1.2Nm
Running speed	20cm/s
Max. load	100Kg
Terminal	0.75-0.85 single core cable

Environmental Conditions:

Working temperature	-5°C~45°C
Working relative humidity	Up to 90%
Storage temperature	-20°C~+60°C
Storage relative humidity	Up to 93%

Approved

CE

RoHS

Product Information:

Dimensions	314×71×52(mm)
Weight	1400(g)
Housing material	ABS, aluminum
Installation	Wall hanging
Protection rating	IP20
Insulation rating	I, Cl, F

Installation steps

- Be sure power is off before installing.
- Install the rail
- Install the motor
- Make sure the cable is correct
- Set the configuration via software
- Test the motor

Important Notes

- **Buspro connection** - Series connection (hand-in-hand)
- Check all connection, avoid any mistakes
- The max. load is 100Kg, cannot exceed the limitation
- Due to the mechanical clutch used inside this motor, in case power off happens and a manual close or open to the curtain, the motor must need a reverse rotation to enable the clutch. therefore, pull the curtain to any direction till it moves, in case not moving, pull the curtain in a reverse direction then it will move.

Overview



HDL-MWM70B.22 is the new motorized curtain, it supports open, stop, close and percentage control. And It has manual mode and over heat protection.

Functions

- The motor supports open, close, stop and percentage control
- Supports manual mode
- Supports over heat protection
- Supports to measure distance automatically
- Can display the max. distance of curtain switch
- It has 220VAC power detection and Buspro power detection
- It controlled by HDL buspro
- Supports online upgrading
- The HDL-MWM70B.22 can be easily programmed
- Built-in new generation clutch, precise planetary reduce, noise level 40dB
- AC motor is power source, provide enough power, it can make the torque of motor big enough
- Suitable for all small to medium-scale of linear or arched curtain applications.

Safety Precautions

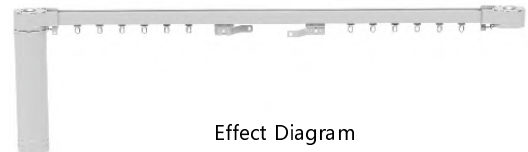
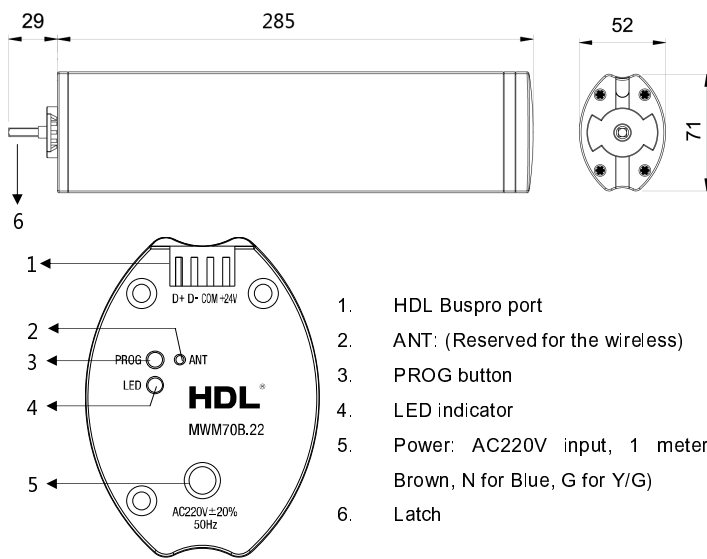


- Ensure that the Buspro interface is correctly connected to the module.
- Ensure good ventilation
- Never let liquids get into the module, it will damage this device.
- When you install the motor to the drive unit, please check and make sure that the latch is pushed into locked hole, otherwise the motor will fall down to cause personal injury and product damage
- When the motor is installed, please do not pull the curtain with too much force, and do not put any additional weight on the rail, do not climb the curtain and do not hang anything on the curtain.

HDL Buspro Cable Guide

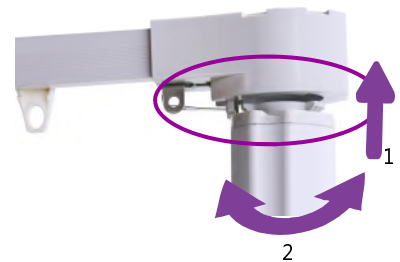
CAT5/CAT5E	HDL Buspro	HDL Buspro/KNX
Brown/ Orange	DC24V	Red
Brown white/ Orange white	COM	Black
Blue white/ Green white	DATA-	White
Blue/ Green	DATA+	Yellow

Dimensions and Wiring



Installation:

1. Put the motor terminal into the rail, shown as the picture
2. Rotate the motor and lock it.
3. Check the connection

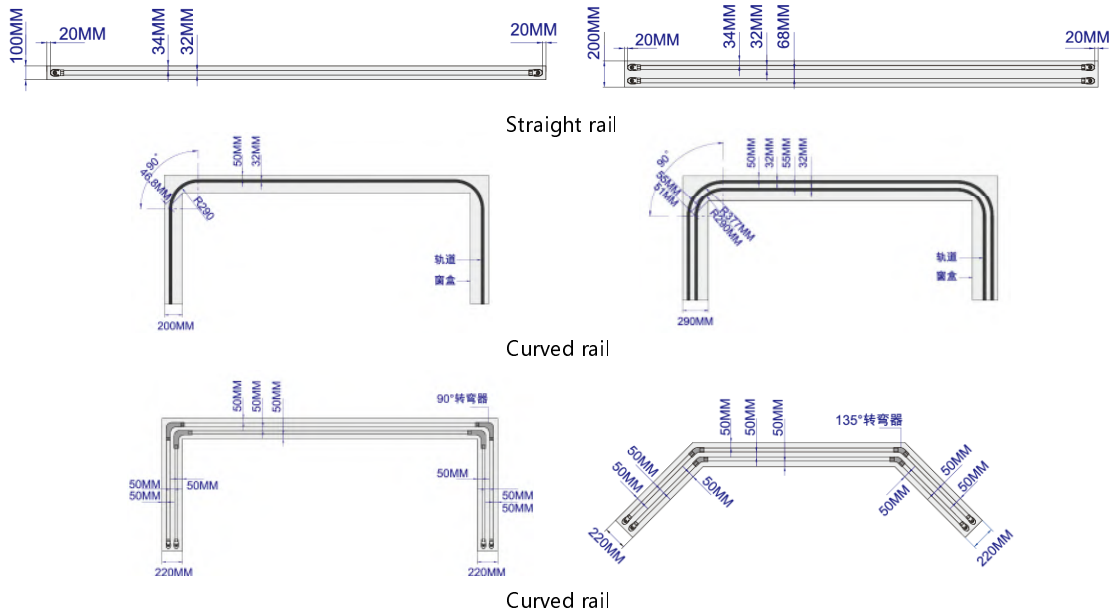


LED indicator

Function	LED status	Enter into the status	Exit
Working properly	Green, 1 time/2s for flashing	- -	- -
Modify the ID	Red	Keep pressing the button for 3s	keep pressing the button for 3s/ no operation for 2minutes
Testing	Red, 1 time/2s for flashing	Keep pressing the button for 5s	Keep pressing the button for 5s/ no operation for 20minutes

Notes: The above operations are carried out in normal work.

Rail installation



Package contents

- Datasheet*1 / Motorized curtain *1

Contact us

Need help or advice? Please visit www.hdlautomation.com, or Contact us via: support@hdlchina.com.cn.