

Parameters

Electrical Parameters	
Program name	Motor Curtain 1CH Actuator
Bus interface	KNX/EIB (Master)
Model NO.	M/WM70M.1 (Master)
	M/WM70S.1 (Slave)
Rated voltage	AC220V 50Hz
Voltage range	AC220V±20% 50HZ
Working voltage	DC21-30V(Master)
	DC12V(Slave) from Master
Bus power Consumption	<10mA/DC30V (Master)
Slave interface	6P network port
Rated power	70W
Rated torque	1.0Nm
Rated speed	112rpm
Rail belt speed	16cm/s
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	
KNX	
Product Information	
Dimensions	284×70×50(mm)
Net weight	1554g(master)
	1543g(slave)
Housing material	ABS, aluminum
Installation	Wall Hanging
Protection rating	IP41
Insulation rating	E

Important Notes

- **Special Programming** – This device is designed for professional KNX installation. It can only be programmed by ETS software.
- **Cable Connections** – Do not get wrong connection for Grey and Red wires.
- **Voltage** - The input of voltage must be between 21-30VDC.

Overview

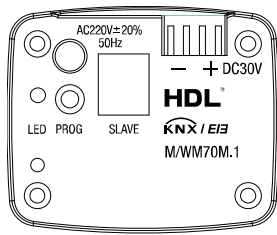


Motor curtain 1CH actuator, It contains master and slave. It is the curtain controller, the master can be started by panel or other device. It supports manual mode and it has over load protection and over heat protection.

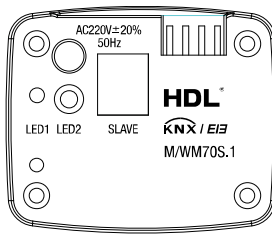
Functions

- Standard control (with percentage)
- Simple control (without percentage)
- Automatic measure distance.
- Manual mode: Long drag, short drag.
- Can control to open, close, stop and percentage.
- Can respond the status (open, close, stop, percentage, limit ed position, etc.).
- Has status after bus voltage recovery function.
- Safety control. Control the curtain position by wind, rain, frost signal
- Auto control. Control the curtain position by sun/ no sun, heating, cooling signal
- Scene control
- Forced operation
- Trigger control
- Save status before power off function

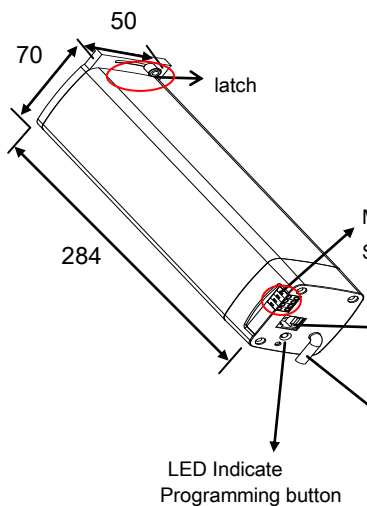
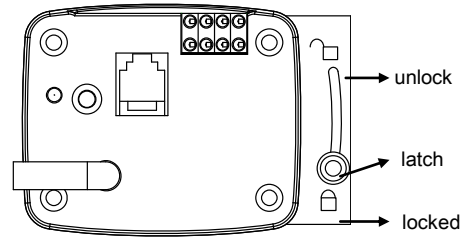
Layout and Wiring



Master M/WM70M.12



Slave M/WM70S.12

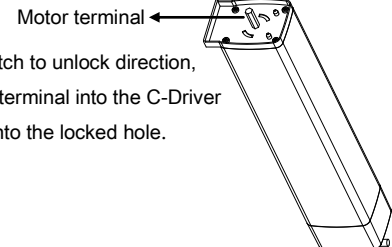


Master: KNX/EIB interface
Slave: invalid

RJ11 6P network port, connect to the master and slave. It supplies the working voltage for slave.

AC230V Power line, 1 meter .
(Brown for L, Blue for N, Y/G for PE)

LED Indicate
Programming button



Motor terminal: Pull the latch to unlock direction, and then insert the motor terminal into the C-Driver Unit. Then, put the latch into the locked hole.

Safety Precautions



- Do not make wrong connection on KNX/EIB interface, it will damage the KNX/EIB interface of this module.
- Never let liquids get into the module, it will damage this device.
- Ensure good ventilation.
- Avoid contact with liquids and aggressive gases.
- 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.

Package Contents

- Datasheet *1
- Device *1