M/W04.10.1

4CH 10A Curtain Actuator

Hardware Version: A

Datasheet

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Figure 1. KNX 4CH 10A Curtain Actuator

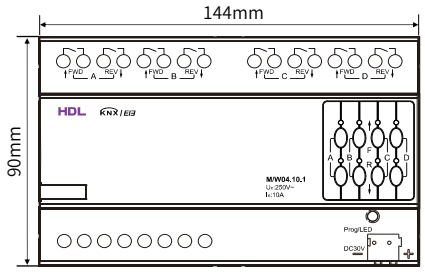


Figure 2. Dimensions - Front View

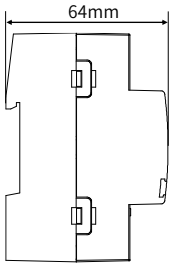


Figure 3. Dimensions - Side View

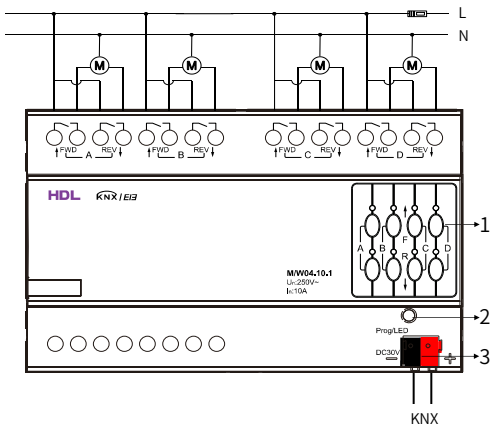


Figure 4. Wiring

Overview

KNX 4CH 10A Curtain Actuator (See Figure 1) is in full compliance with Chinese and European safety standards and KNX protocol. This series of products have the characteristics of high power (10A), low consumption and high reliability.

Functions

- Each channel can control the upward, downward and stop operation of the curtain, and can be controlled manually. Up to 10A output for each channel
- Control types: Blinds operation mode, Curtain operation mode, Manual operation, Priority setup, Power-on status recall, Power-off status saving, Forced position operation, Limit position control, Status response for position, Operation status, Scene control, Safety control, Automatic control.

Important Notes

- Installation - Distribution box
- Programming - This device is compliant with the KNX standard and can only be programmed by ETS software.
- Output channel - Maximum current of each relay channel: 10A
- Protection - A 10A breaker or fuse should be connected to the output load channel.

Product Information

Dimensions - See Figure 2 - 3

Wiring - See Figure 4

1. Manual button
2. KNX programming button/indicator: Red LED indicates programming mode.
3. KNX/EIB interface.

Safety Precautions

- The installation and testing for the product must be carried out by HDL Automation Co., Ltd. or its appointed service agencies. The electric construction shall comply with local laws and safety regulations.
- The device should be installed with DIN rail in DB box. HDL will not be responsible for any consequence caused by the inexpert or faulty installation and wiring methods, which are not in accordance with the instructions contained in this operating instruction.
- Please do not privately disassemble or replace any parts of the product. Otherwise, it may cause mechanical fault, electric shock, fire or personal injuries.
- Please contact our after-sales departments or our designated service agencies for your maintenance service. Product failures caused by private disassembly are not subject to this warranty.
- It is not allowed to exceed the range.

Package Contents

M/W04.10.1*1 / Label*5 / Datasheet*1

Technical Data

Basic Parameters	
Working voltage	21~30V DC
Working current	12mA/30V DC
Input voltage	120V/240V AC, 50/60Hz
Output channel	4CH, 10A/CH
Communication	KNX
Output terminal	Line in, line out cable for each channel 2.5-4mm^2
Cable diameter of KNX terminal	0.6 - 0.8mm
Electrical life time	<100000
Mechanical life time	<100000
External Environment	
Working temperature	-5°C~45°C
Working relative humidity	⩽90%
Storage temperature	-20°C~60°C
Storage relative humidity	⩽93%
Specifications	
Dimensions	144mm x 90mm x 64mm
Net weight	362g
Housing material	Nylon (PA66)
Installation	35mm DIN rail installation
Protection rating (Compliant with EN 60529)	IP20
Approved	
CE, RoHS	
KNX	

KNX Cable Guide

KNX	KNX Cable
+	Red
-	Black

Installation

Step 1. Fix the DIN rail with screws.

Step 2. Buckle the bottom cap of the actuator on the edge of the DIN rail.

Step 3. Press the device on the DIN rail, slide it and fix it up until an appropriate position is adjusted.

Technical support

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