

MVSM35B.20

Buspro Blinds Motor 220V AC

buspro

Datasheet

Issued: October 24, 2022

File Edition: V1.0.5



Figure 1. Blinds Motor



Figure 2. Communication Module

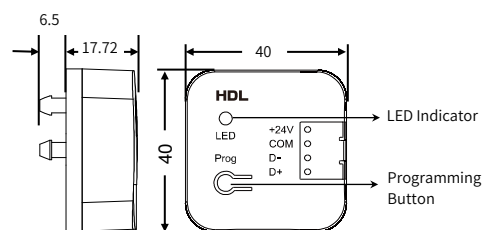


Figure 3. Dimensions—Communication Module (Unit: mm)

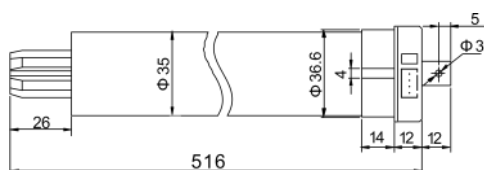


Figure 4. Dimensions—Motor Side View (Unit: mm)

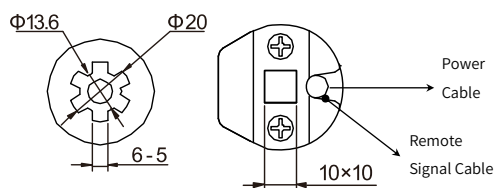


Figure 5. Dimensions—Motor Bottom View (Unit: mm)

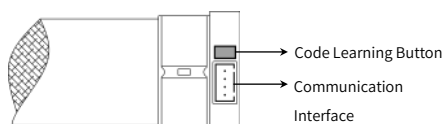


Figure 6. Motor Structure

Overview

Buspro Blinds Motor 220V AC (Figure 1 & 2) is applicable with blinds, Roman blind, venetian blind, etc.

Its features include:

- High-accuracy position limit
- Internal structure is sealed and lubricated for low noise and vibration
- Overheat and overload protection
- Flame-retardant material for low fire risk
- Remote control supported with internal standard wireless receiving function (Remote controller is optional)

Components and Operation

Dimensions - Figure 3 - 5

Components - Figure 3 & 6

Programming button (Communication module):

Long press for 3s in power-on status to enter programming mode (lasts 20s) when the LED indicator keeps on in red, then the module ID can be changed in Buspro Setup Tool 2.

Keep pressing in power-off status, then power on to enter manual update mode when the LED indicator flashes in red, then the firmware of the module can be manually updated in Buspro Setup Tool 2.

Code learning button (Motor): for learning remote control code. For detailed information, please refer to the user manual of remote controller.

Buspro connector (Motor): for connecting with Buspro module, and being configured via Buspro Setup Tool 2.

Important Notes

- Do NOT add lubricant to the motor.
- Please keep secure of the components, do not crash or drop any part.



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.
- 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.
- Do not put any additional weight on the curtain, nor climb the curtain.

Package Contents

Blinds motor*1/Communication module*1/Connector(black)*1/Datasheet*1

Technical Data

Basic Parameters

Working voltage	12-30V DC
Working current	6mA / 24V DC
Rated input voltage	AC 220-240V (50Hz)
Rated input current	0.9A
Motor torque	3N.m
Motor rotate speed	22rpm
Communication	HDL Buspro

External Environment

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

Specifications

Dimensions	φ35×528 (mm) (Figure 3-5)
Net weight	1224g (Motor) + 20g (Communication module)
Housing material	Seamless steel (Motor) + Flame-retardant PC (Communication module)
Installation	Wall hanging
Protection rating	IP44
Duty cycle	S2-3min
Insulation class	E

Approved

CE

RoHS

HDL Buspro Cable Guide

HDL Buspro	HDL Buspro Cable	CAT5/CAT5E
DATA+	Yellow	Blue/Green
DATA-	White	Blue white/Green white
COM	Black	Brown white/Orange white
24V DC	Red	Brown/Orange

Installation

1. Install the mounting bracket to the blinds motor.
2. Install the communication module to the Mounting bracket.
3. Fix the blinds motor with mounting bracket on the wall with screws.

Technical support

E-mail: hdltickets@hdlautomation.com

Website: <https://www.hdlautomation.com>

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Specifications subject to change without notice.