K2 Smart Curtain Motor

Smart Curtain

The K2 Smart Curtain Motor is an intelligent curtain automation solution featuring a built-in motor and Zigbee connectivity. It enables convenient remote operation, scheduling and voice control through the Lynn Smart App, offering smooth and reliable curtain management for modern homes and commercial spaces.



Overview

Designed for effortless curtain automation, the K2 Smart Curtain Motor combines compact construction with reliable motor performance and Zigbee wireless communication. It supports remote opening, closing and stopping of curtains, scheduled operation and voice commands through the RadiantOne App. With easy installation and smart home integration, it is suitable for residential, office and hospitality applications.

Key features

- Easy Installation: Designed for convenient installation on compatible curtain tracks.
- Built-in Motor: Integrated motor for smooth and convenient curtain operation.
- Zigbee Connectivity: Supports Zigbee wireless communication and smart home integration.
- Smart App Control: Easily connects through the Lynn Smart App.
- Remote Operation: Allows curtains to be opened, closed or stopped remotely.
- Scheduling & Automation: Supports scheduled operation and automated curtain control.
- Voice Control: Enables hands-free operation through compatible voice control systems.
- Reliable Performance: Designed for convenient operation in residential and commercial environments.

Specifications

Specification	Details
Intelligent Device Interface	Zigbee
Input Power	0.3A / AC 100–240V
Power Consumption	36W
Rated Torque	1.2 N·m
IP Rating	IP41
Communication Distance	≥10m

Maximum Load	40kg
Insulation Class	Class E
Installation Type	Curtain Track
No-Load Speed	75 RPM ±10% (adjustable: 75 / 90 / 110 RPM)
Load Speed	35 RPM ±10%
Product Dimensions	323 × 39.4 × 39.4mm (L × W × H)
Control Functions	Remote control, scheduling, voice control and automation
Mobile Application	RadiantOne Smart App

Ordering information

Part Code	Product Description
RD309051	K2 Sheer Curtain Motor – Zigbee-enabled curtain motor compatible with a Zigbee gateway, rated torque: 1.2 N·m, dimensions: 319.2 × 39.4 × 39.4mm. Recommended for curtain tracks measuring 0.4–8m. Supports curtains weighing up to 50kg with a 4m track. Suitable for automated opening and closing of curtains.
RD309052	K3 Sheer Curtain Motor – Zigbee-enabled curtain motor compatible with a Zigbee gateway, rated torque: 2.0 N·m, dimensions: 300 × 50.6 × 60mm. Recommended for curtain tracks measuring 0.4–12m. Supports curtains weighing up to 80kg with a 4m track. Suitable for automated opening and closing of curtains.

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