

Translation of original operating instruction
PS24-4200



1 General information

1.1 Notice

This document is part of the product. Keep this operating instruction for future references.

1.2 Scope of delivery

Check the delivery according to the delivery note.

Product designation

Art.-Nr.	Description
0503002.001	PS24-4200
	Operating instruction

1.3 Product description

The power supply is suitable for supply of 24V DC blind actuators in combination with the blind actuator MCU-04X DC.

1.4 Limitations of liability

All information and notes in this operating instruction has been compiled in consideration of the applicable standards and regulations, the state of the art as well as our many years of knowledge and experiences.

The manufacturer assumes no liability for damages and operational malfunction due to

- disregarding this operating instruction
- improper use
- faulty connection
- non-use of original spare parts and accessories

1.5 Disposal

The disposal of this product in normal household waste is forbidden within the European Union.

Dispose of the device via the municipal collection points.

The packaging materials used are recyclable. Dispose of packaging materials that are no longer required according to local regulations.

1.6 Copyright

This documentation is protected by copyright.

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1.7 Manufacturer/ Customer service

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2 Safety

2.1 Intended use

The power supply is suitable for supply of 24V DC blind actuators.

Any other use or extended use is considered to be improper.

2.2 Foreseeable misuse

Any use for a purpose other than the above mentioned purpose is improper. The risk of improper use or misuse is borne solely by the operator. All types of claims due to damage arising from improper use are excluded.

2.3 Personnel's qualification


Improper use can cause considerable personal injury and material damage!


All tasks for installation, connection and commissioning must be carried out exclusively by a qualified electrician.

A qualified electrician is able to carry out work on electrical installations due to her/ his professional training, knowledge, and experience as well as knowledge of the relevant standards and regulations. She/ he can identify and avoid possible dangers.




The qualified electrician is trained for the specific place of employment in which she/ he is working and is aware of the relevant standards and regulations.

2.4 Basic safety instructions

	DANGER Danger of life! There is a risk of life when touching live parts. ► All tasks must be carried out exclusively by qualified personnel. ► Disconnect all power supplies before starting work.
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	CAUTION Material damage! Incorrect wiring and configuration of the device can lead to damage up to total failure. ► Ensure that the supply voltage corresponds to the specifications from the technical data for the device.
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2.5 Signage

Symbol	Meaning
	General warning
	Electrostatic discharge
	CE label

3 Design and function

3.1 Complete overview



Location of control and display elements

- 1 Output Voltage Connection “-“
- 2 Output Voltage “+“
- 3 Voltage Adjustment Tool
- 4 Supply Voltage Connection

4 Installation

4.1 Mounting

To mount the device, proceed as follows


- place the device on the DIN rail in the desired position and lock in

5 Starting up

- Check device, clamps and connections
- Switch on the power supply and check the LED states
- Mount all covers, apply special labels, if necessary, update the technical documentation

6 Technical data

General		
Operating environment	Dry rooms (free of condensation) +5° to +45°C pollution index 2	
Mounting	DIN rail 35mm or equivalent	
Dimensions (W x H x D)	4 SU	
	70 x 90 x 58,4	mm
Weight	270	g

	NOTICE The connection and the wiring of the local operation units must be carried out according to the current PELV requirements.
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Connection Data		
Supply voltage	100 too 260	V _{AC}
	47 to 63	Hz
Cable	2 wire	
	single/multiwire	
Connection	2,5	mm ²
Tightening torque	0,8	Nm
Current (typ.)	3,0 at 115 V AC	A
	1,6 at 230 V AC	A
Efficiency (typ.)	89	%
Protection	IP 20	
Degree of pollution	II	
Connections	0,75 – 1,5 single or fine wire	mm ²

Output		
Rated voltage	24 ±1%	V _{DC}
Rated current	4200	mA
Ripple max	150	mV _{PP}
Rated Power	100,8	W
Open Circuit Power	<0,5	W
Protection circuit	Short circuit proof, overload regulated, over voltage protected	
Connections	0,75 – 1,5 single or fine wire	mm ²
Tightening torque	0,8	Nm