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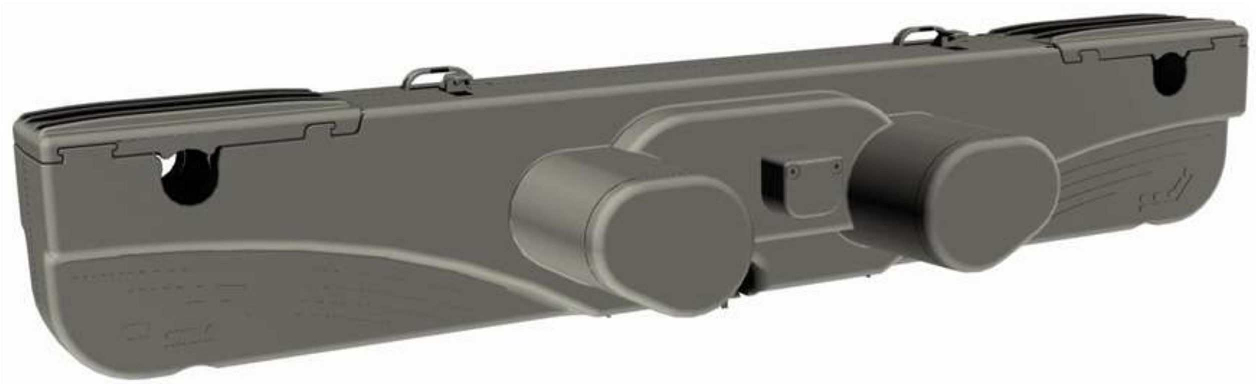

OKIMAT 6
OKIMAT 6B

Installation Instructions

Foreword

Revisions

Version	Date	Changes
V1.0	2024/10/23	First edition

Disclaimer and exclusion of liability

DewertOkin is not responsible for damage resulting from:

- Failure to observe these instructions,
- Changes made to this product which have not been approved by DewertOkin, or
- The use of replacement parts which have not been approved or manufactured by DewertOkin.

Address of manufacturer

DewertOkin Technology Group Co., Ltd.
No.1507 Taoyuan Road, Gaozhao Street, Xiuzhou District
Jiaxing | Zhejiang | China | 314031
dewertokintechnology.com

Creation of a complete operating instruction manual for the entire end product

These instructions are only intended to be used by the end-product manufacturer. They should not be given to the operator of the end product. The factual information contained within may be used as a basis when creating the end-product manual.

The warning and danger notices are best suited for use in the end product's manual. However it is not sufficient to simply follow these notices. You should also carry out an internal risk assessment for your end product. This can then be used as the basis for the safety notices in your manual.

These installation instructions do not contain all information required to safely operate the end product. They only describe the installation and operation of the drive as partially completed machinery.

The instructions are intended for the technicians responsible for manufacturing an end product and not for the operators of the end product.

Notice for customers in EU & US/CAN nations

TÜV Rheinland LGA Products GmbH Testing Label &
Intertek Testing Services NA Inc. Testing Label

The construction of the OKIMAT 6 & OKIMAT 6B has been inspected by the TÜV Rheinland LGA Products GmbH (TÜV) and Intertek Testing Services NA Inc. (Intertek). The TÜV and Intertek also monitors the production of the OKIMAT 6 & OKIMAT 6B. The official TÜV label and ETL label certifies this construction inspection and production monitoring.

Figure 1 The TÜV label

Figure 2 The ETL label

Table of Contents

1. General

1.1 Configurations

The OKIMAT 6 & OKIMAT 6B double drive is run in several different configurations. The “Possible combinations” Chapter includes information about the different device combinations available.

1.2 About these installation instructions

These installation instructions must be followed closely in order to install this drive successfully and safely in the end product. These instructions are not an operating manual for the end product.
These instructions will help you to minimize danger, repair costs and down times. They will also help you to maximize the reliability and lifespan of the end product.

⚠ **CAUTION**

The notices in these instructions must be followed! Following the guidelines during installation and connection procedures will help to minimize:

- The risk of accident and injury, and
- Damage to the drive system or the end product.

These installation instructions have been written with due care and attention. However, unless otherwise required by law, we do not guarantee that the data, images and drawings are accurate or complete nor do we accept liability for their contents.

▶ We reserve the right to make unannounced technical changes in the course of our continual product improvement process!

1.3 Availability of this document

As manufacturer of the end product, you are obligated to comply with Machinery Directive 2006/42/EC. This directive stipulates that the installation instructions must be kept on file for governmental inspection purposes.

1.4 Conventions used

Notices which do not relate to safety are indicated in these instructions with a triangle:

▶ Triangular notice symbol

Safety notice explanations

⚠	⚠ **WARNING**
	WARNING indicates a hazardous situation which, if not avoided, could result in serious injury.

⚠	⚠ **CAUTION**
	CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

⚠	**NOTICE**
	NOTICE is used to address practices which are not related to personal injury but may result in damage to the product or surroundings.

2. Safety Notices

2.1 Proper and intended usage

The OKIMAT 6 & OKIMAT 6B drive is meant to be installed in beds.

- It provides motor adjustment capabilities for movable reclining bed parts. It should be used in conjunction with suitable fittings and mechanics:
- It can be used in the household (HOME).

⚠	⚠ **CAUTION**
	This drive should only be used for the applications described above. Any other application is not permitted and can lead to accidents or damage to the unit. Such non-approved applications will lead immediately to the expiration of all guarantee and warranty claims on the part of the end-product manufacturer against the manufacturer.

Improper usage

Be sure to follow the notices below concerning improper usage. You should include them in your product manual in order to inform the users of your end product.

⚠	⚠ **WARNING**
	The OKIMAT 6 & OKIMAT 6B drive should not be used: • With a medical product, or installed in a medical product, • In any environment where combustible or explosive gases or vapours (e.g., anaesthesiology) may be present, • In a moist environment, • Outdoors, • In any application that will be cleaned with an automated washing system, • for raising and lowering loads in industrial applications.

⚠	⚠ **CAUTION**
	The OKIMAT 6 & OKIMAT 6B drive may not • be operated: by small children, • by frail or infirmed persons without supervision, or • in the proximity of small children.

⚠	⚠ **CAUTION**
	You should only use spare parts which have been manufactured or approved by DewertOkin. Only these parts will guarantee a sufficient level of safety.

Option: battery-operated reset function

⚠	⚠ **CAUTION**
	The battery-operated reset function is not a safety system and does not avert danger.

DewertOkin does not guarantee that the drive will function in the event of a power outage.

If the end-product manufacturer chooses to guarantee the functionality of the end product during a power outage, then the end-product manufacturer is responsible for arranging a mechanism to ensure this functionality.

2.2 Safety notices within the installation instruction and the operating instructions for the entire machine

The manufacturer of the end product is only permitted to operate the OKIMAT 6 & OKIMAT 6B drive (by itself an incomplete machine)

- when the end product (for which the OKIMAT 6 & OKIMAT 6B drive is intended) is in compliance with all protective measures specified in the Machinery Directive 2006/42/EG, and

- when the manufacturer expressly declares the compliance of the end product, the manufacturer of the end product must create a manual for the users of that product. The safety notices in the end-product manual must be written based on the end product's risk assessment.

2.3 Selection and qualification of personnel

This drive should only be installed into the end product by someone who has completed training in electronic motor assembly or has equivalent qualifications.

You should only install this drive when you are qualified to do so. Otherwise, a properly qualified person should be found for this task.

2.4 Notice on safety during operations

Basic safety rules must be followed in order to ensure that the end product can be continually operated in a safe manner. These rules must be observed while using the end product and while installing the drive.

These rules and safety measures can be categorized as follows:

- Construction measures before the installation (refer to the "Ensuring operational reliability during installation" section in chapter "Installation")
- Safety fundamentals during the drive installation and during cable and wire routing (refer to the "Safety notices to observe during installation" section in the "Installation" Chapter).
- Using the drive in intermittent duty (refer to the "General notices" section in the "Notices for Operation" Chapter).
- Basic safety rules during operation (refer to the "Notices for Operation" Chapter).
- The creation of a manual for the end product which contains these and other safety rules.

Creating a user's manual

The manufacturer of the end product must create a manual for the users of that product. The safety notices in the end-product manual must be written based on the end product's risk assessment.

2.5 Product identification

Ratings plate (type label)

A ratings plate on each drive specifies the exact name and serial number of the drive. It also states the technical specifications valid for that particular drive. In particular, you will find the maximum pull force and the maximum push force here. The following illustration shows where the specifications are located on the drive's ratings plate.

▶ The ratings plate shown is an example; the specifications for your drive may differ from this illustration.

OKIMAT 6 XXXXX

Model No.:OKIMAT 6
Input:100V-240VAC ~ 50/60 Hz Max.XXA
Duty Cycle:2min ON/18min OFF
Max.Force/Stroke(H):XXXXN /XXmm
Max.Force/Stroke(F):XXXXN /XXmm
Prod.Date: 01/24
Serial-No.: Q240112345 00001

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For Patents contact www.dewertokin.com/patents

OKIMAT 6B XXXXX

Model No.:OKIMAT 6B
Input:100V-240VAC ~ 50/60 Hz Max.XXA
Duty Cycle:2min ON/18min OFF
Max.Force/Stroke(H):XXXXN /XXmm
Max.Force/Stroke(F):XXXXN /XXmm
Prod.Date: 01/24
Serial-No.: Q240112345 00001

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Figure 3 Ratings plate example

3. Possible combinations

The OKIMAT 6 & OKIMAT 6B double drive can be combined for use with other single or double drives. The following basic combinations are possible:

- an OKIMAT 6 or OKIMAT 6B with a handset,
- an OKIMAT 6 or OKIMAT 6B as the main drive and a single drive used as a slave drive with a handset,
- an OKIMAT 6 or OKIMAT 6B as the main drive and two single drives used as slave drives with a handset.

Systems can be customized by combining drives with the handset and control units as needed. The system components must be connected in a specific order.

DewertOkin has separate system instruction manuals containing all information and instructions needed for these systems.

Only a DewertOkin device should be used to control the drive since they have already been verified to work together.

4. Description

The OKIMAT 6 or OKIMAT 6B drive is an electrically driven motor that is responsible for moving the end product in a linear direction. The head and foot sections of a bed can be adjusted depending on the drive options. The drive is controlled by means of a handset.

The different drive models vary according to the:

- motor power,
- number of motors,
- also in the variations: attached power cord and detachable power cord
- model with optional reset function

▶ We reserve the right to make unannounced technical changes in the course of our continual product improvement process!

▶ The "Possible combinations" Chapter describes the different possible combinations of drives and handsets/hand-held remote controls. You can also ask your supplier or dealer for additional information.

4.1 Components

The main components of the OKIMAT 6 & OKIMAT 6B drive are the motor and the adjustment motion mechanism. This mechanism is housed under the shutters. The shutters must be opened in order to mount the drive to the end product. The brackets fastened to the end product are then inserted into these openings.

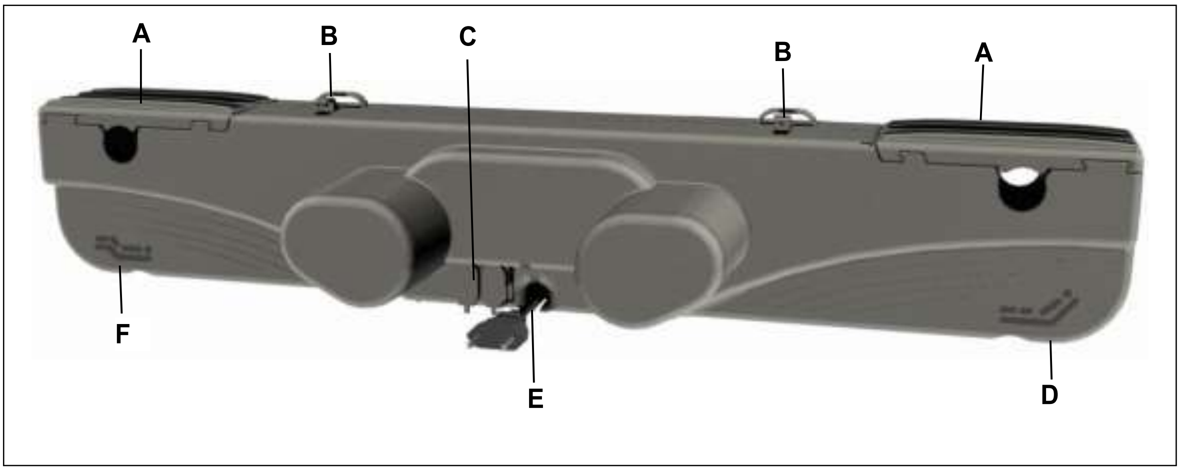

Figure 4 Main components of the OKIMAT 6 double drive (variant with attached power cord)

A	Shutters	**B**	Strain relief
C	Battery compartment with 9-V batteries	**D**	Symbol for head end of bed
E	(with attached power cord)	**F**	Symbol for foot end of bed

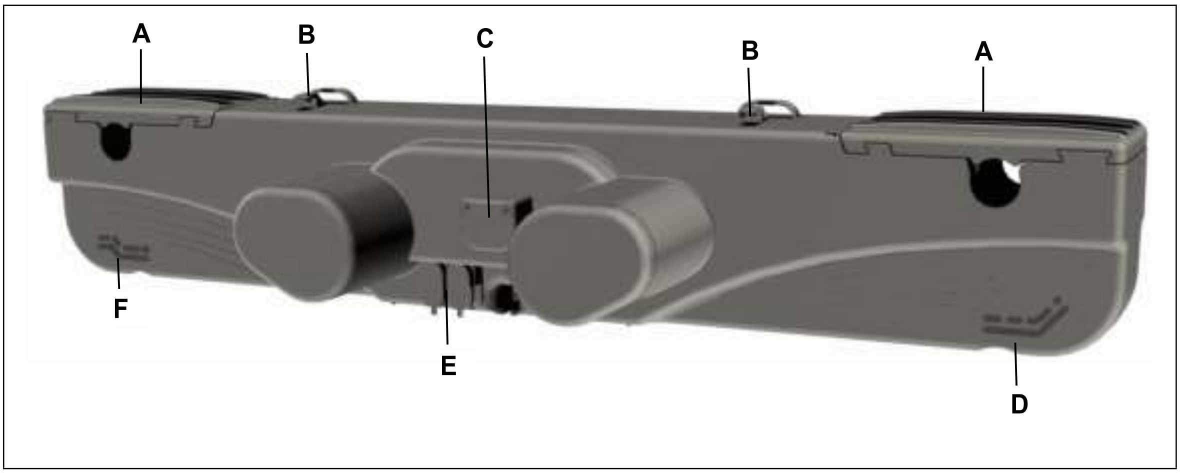

Figure 5 Main components of the OKIMAT 6 & OKIMAT 6B double drive (variant with detachable power cord)

A Shutters

B Strain relief

C Shield cover for detachable power cord

D Symbol for head end of bed

E Batteries in battery compartment

F Symbol for foot end of bed

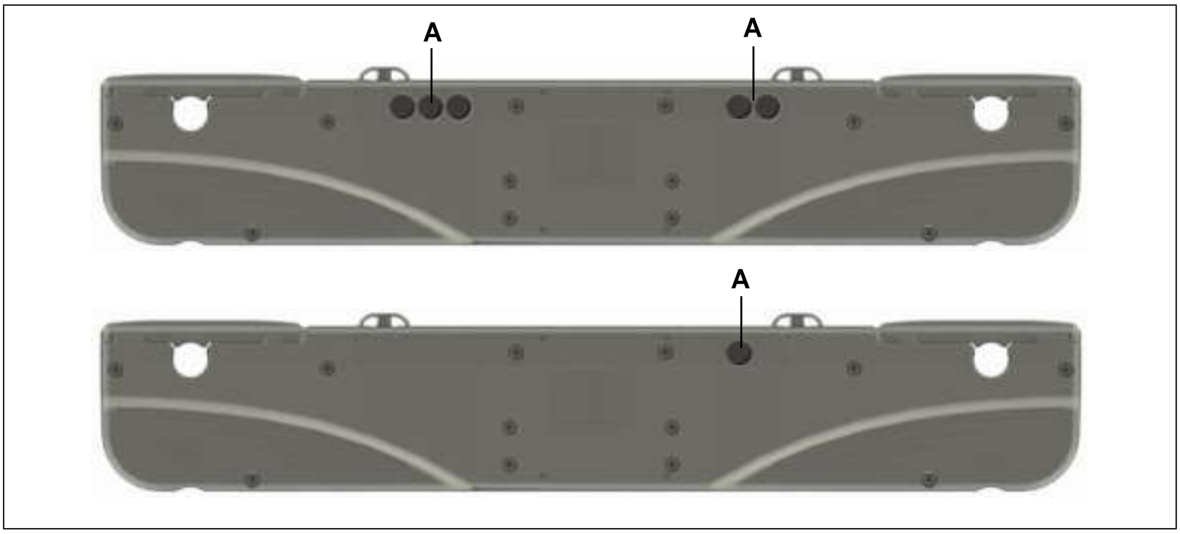

Figure 6 Case options for the OKIMAT 6 & OKIMAT 6B double drive (Examples)

A Sockets for the electrical connection

▶ The case variations of the motor's rear side depicted are only to be taken as examples. Other case options for the rear of the motor are possible.

Power supply connection to mains

WARNING

Please follow these operating instructions carefully. You could be injured by fire or electrical shock if you do not follow these assembly instructions.

Variant with attached power cord

The appropriate power cable is included, depending on the regional version (USA, continental Europe, the UK or Australia).

WARNING

Only use the proper power cable that is permitted in your country. Be sure to use the correct plug adapter, as described in Figure 7.

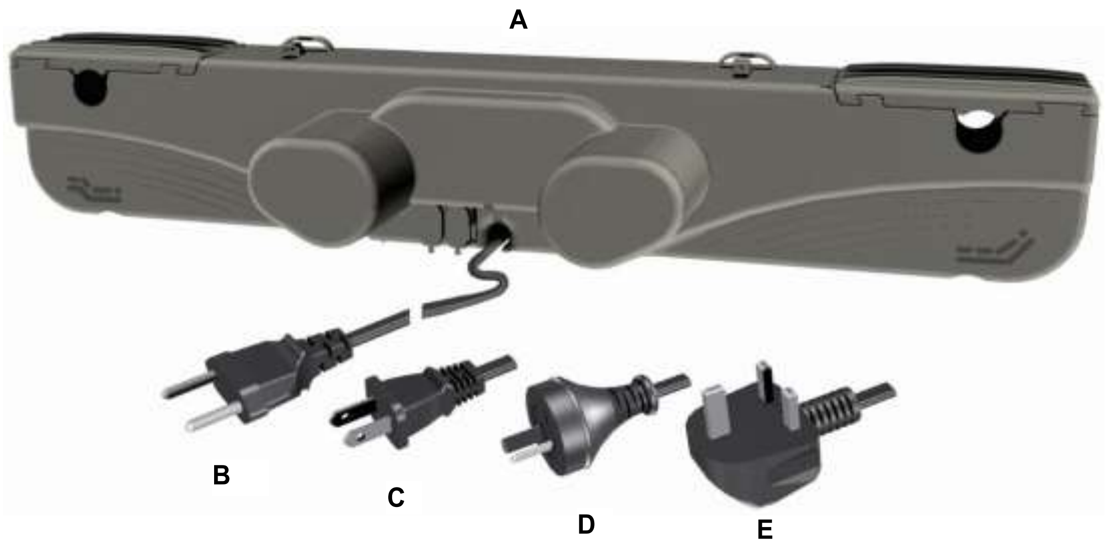

Figure 7 Power plug adapter, regional variants

A Double drive OKIMAT 6 & OKIMAT 6B

B Power plug (EUR version)

C Power plug (USA version)

D Power plug (Australian version)

E Power plug (United Kingdom version)

Variant with detachable power cord

The appropriate pluggable power cord is included, depending on the regional version (USA, continental Europe, the UK or Australia).

WARNING

Only use the proper power cable that is permitted in your country. Be sure to use the correct plug adapter, as described in Figure 8.

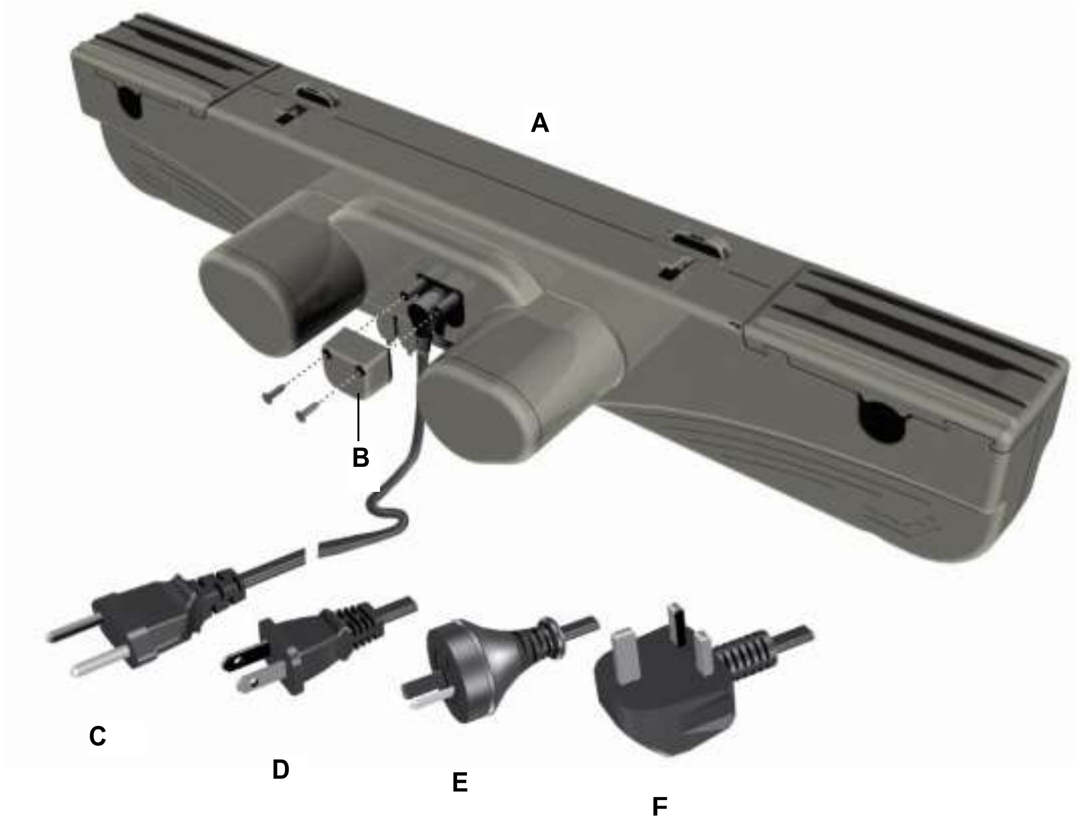

Figure 8 Power plug adapter, regional variants

A	Double drive OKIMAT 6 & OKIMAT 6B	**B**	Shield cover
C	Power plug (EUR version)	**D**	Power plug (USA version)
E	Power plug (Australian version)	**F**	Power plug (United Kingdom version)

5. Technical Specifications

Input:	OKIMAT 6: 100 V~ 240 V AC, 50/60 Hz, Max 2.5A OKIMAT 6B: 100 V~ 240 V AC, 50/60 Hz, Max 3.15A
Max Load:	OKIMAT 6: Max push 4500N for each side OKIMAT 6B: Max push 6000N for each side
Mode of operation1) under max. rated:	Intermittent duty 2 min/18 min. load.
Protection classification:	II
Drive type:	Double drive
Protection category:	IP20
Stroke2) :	87, 69 (standard)
Colors:	Refer to sales brochure.
Length x width x height:	715 mm x 177 mm x 130 mm
Axle gap distance:	581 mm
Weight:	Approx. 5 kg
Option: battery-operated reset function:	depending on version
Transport / storage temperature:	From -20 °C to +50 °C From -4 °F to +122 °F
Relative humidity:	From 30% to 75%
Air pressure:	From 800 hPa to 1060 hPa
Altitude:	< 2000 m

[1] Mode of operation: intermittent duty 2 min/18 min. This means that after the unit is operated with its rated load for up to two minutes it must then be paused for 18 minutes. The unit can malfunction if this pause is not observed!

[2] Other stroke distances are available on request.

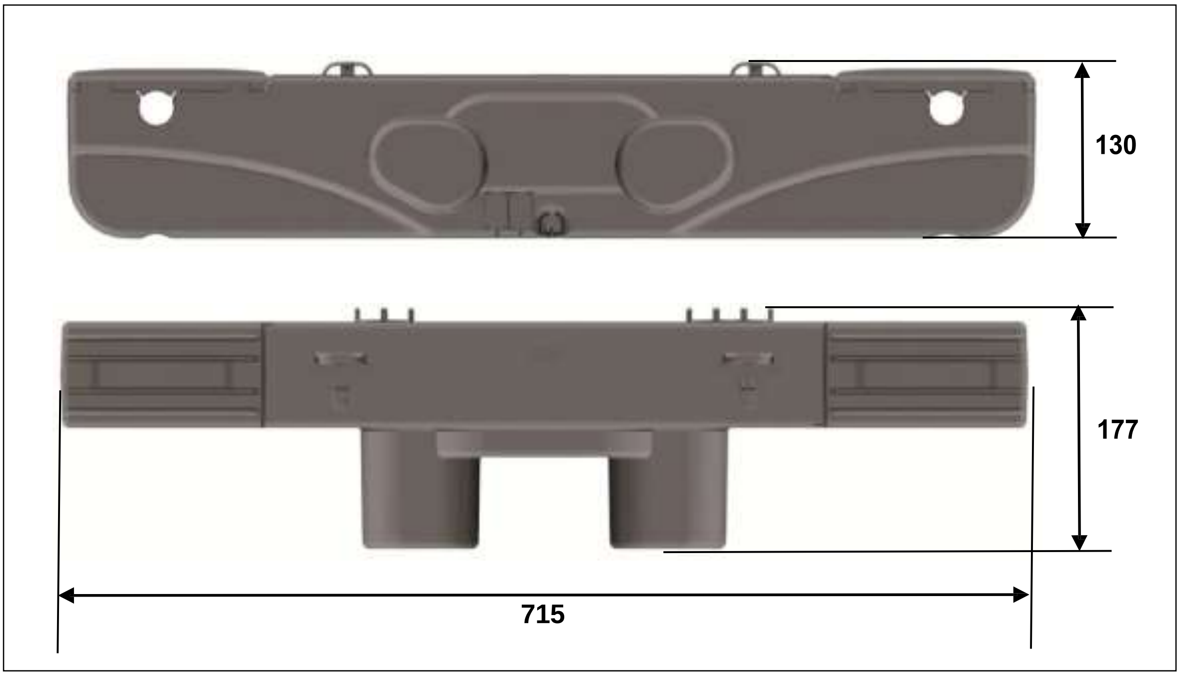

Figure 9 Dimensions of OKIMAT 6 & OKIMAT 6B drive (in mm)

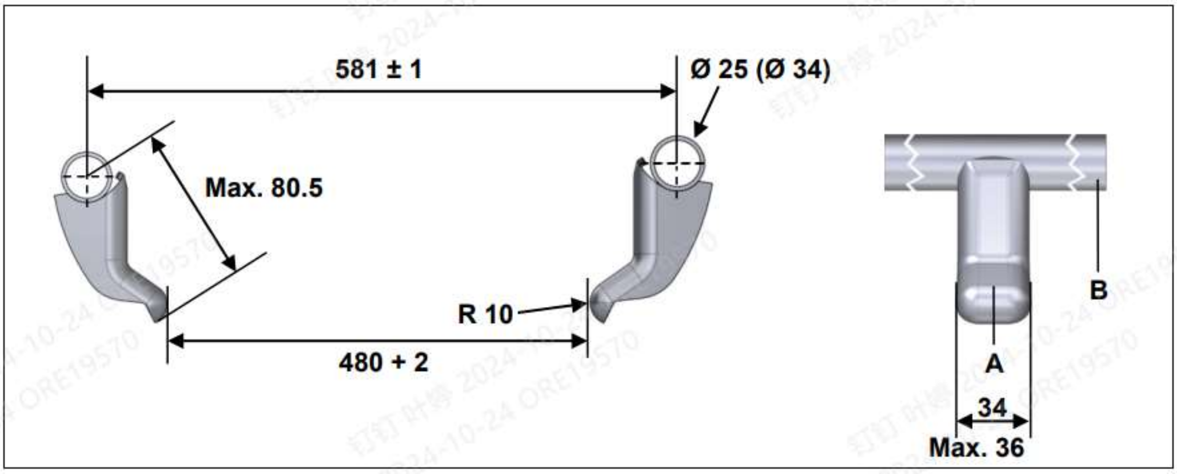

Figure 10 Pivot lever position (in mm)

6. Installation

6.1 Safety notices to observe during installation

Basic safety rules must be followed in order to ensure that the end product can be continually operated in a safe manner. These rules must be observed while using the end product and while installing the drive.

6.1.1 Ensuring operational reliability during installation

The safety and reliability of the end product containing the DewertOkin drive can be ensured by using the proper construction methods described below.

Avoiding fatigue fractures

⚠ **CAUTION**

Drives that are incorrectly installed can undergo fatigue fractures which then create a risk of injury.

- Install the drive in the end product so that it is properly aligned. This will help prevent shear stress.
- Do not position the drive at a slanted angle when installing it in the end product. A slanted angle between the intended direction of movement of the end product and the drive's direction will create shear stress and could lead to a fatigue fracture.

Avoiding a pinching hazard

⚠ **CAUTION**

When designing your end product, you should take the drive adjustment move into account with passive safety mechanisms and with the appropriate safety notices in your operating instructions.

- Installation methods for ensuring passive safety: Install the OKIMAT 6 & OKIMAT 6B drive so that none of the positions where shear and pinch hazards exist are accessible externally.

When preparing safety notices for the operator, be sure that your operating instructions inform the user of these points.

6.2 Installation procedure

6.2.1 An example installation

Before installing the drive, make sure that you are observing all of the safety notices found in the "Safety notices to observe during installation" section.

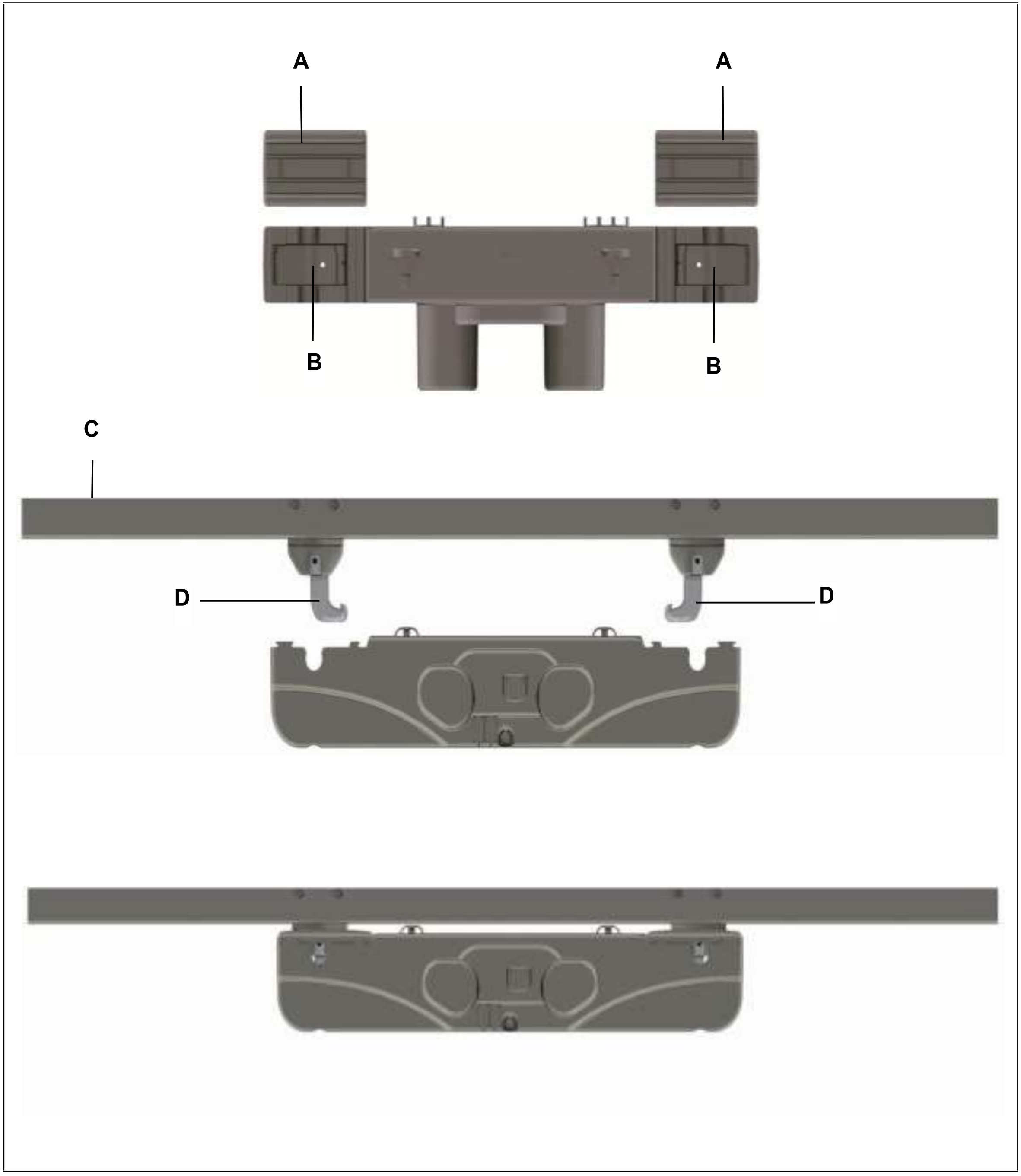

Figure 11 Installing the double drive

A	Shutters	**B**	Fitting mounts
C	End product (bed)	**D**	Brackets

1. Move your product into a position where it is supporting no load.

⚠ **CAUTION**

Be sure to carry out work on the drive in a position so that no loads are bearing on it. Only in this way can you be sure to avoid any risks of crushing or injury.

⚠ **CAUTION**

Disconnect the batteries if you are using the battery-operated reset function.

2. Pull strongly on the shutters to the side (A). The slots (B) for the brackets (D) are uncovered.
3. Align the OKIMAT 6 & OKIMAT 6B next to your product. The slots for the head and foot sides must be properly aligned with the correct brackets on your product (refer to the symbols on the OKIMAT 6 & OKIMAT 6B as de- scribed in Figure 4).
4. Push the drive in so that the brackets (D) fit into the slots (B).
5. Close the shutters (A) on the drive by snapping them back in. The OKIMAT 6 & OKIMAT 6B is now securely attached to the end product.
6. Disconnect all additional components such as slave drives or handset from their sockets.
7. Connect the mains power plug.

Follow the notice below when plugging the power plug into the power outlet:

NOTICE

There is a delay after the supply voltage is applied before the device actually turns on. Wait at least 15 seconds before commissioning.

6.2.2 Electrical connection

⚠ **CAUTION**

Electrical components should be connected or disconnected only when the power supply cord is unplugged.

NOTICE

There is a delay after the supply voltage is applied before the device actually turns on. Wait at least 15 seconds before commissioning.

Variant with attached power cord

⚠ WARNING

Only personnel with the following training are qualified to work on the attached power cord or to replace the power cord:

- someone who has completed training in electronic motor assembly or,
- someone with equivalent qualifications, or
- someone who has successfully completed the appropriate DewertOkin training program.

You should only work on the attached power cord when you are qualified to do so. Otherwise, a properly qualified person should be found for this task.

Variant with detachable power cord

The appropriate pluggable power cord is included, depending on the regional version (USA, continental Europe, the UK or Australia). The power socket is located behind the shield cover on the OKIMAT 6 & OKIMAT 6B drive. Be sure to use the correct pluggable power adapter, as described in Figure 11.

⚠ WARNING

Please follow these operating instructions carefully. You could be injured by fire or electrical shock if you do not follow these assembly instructions.

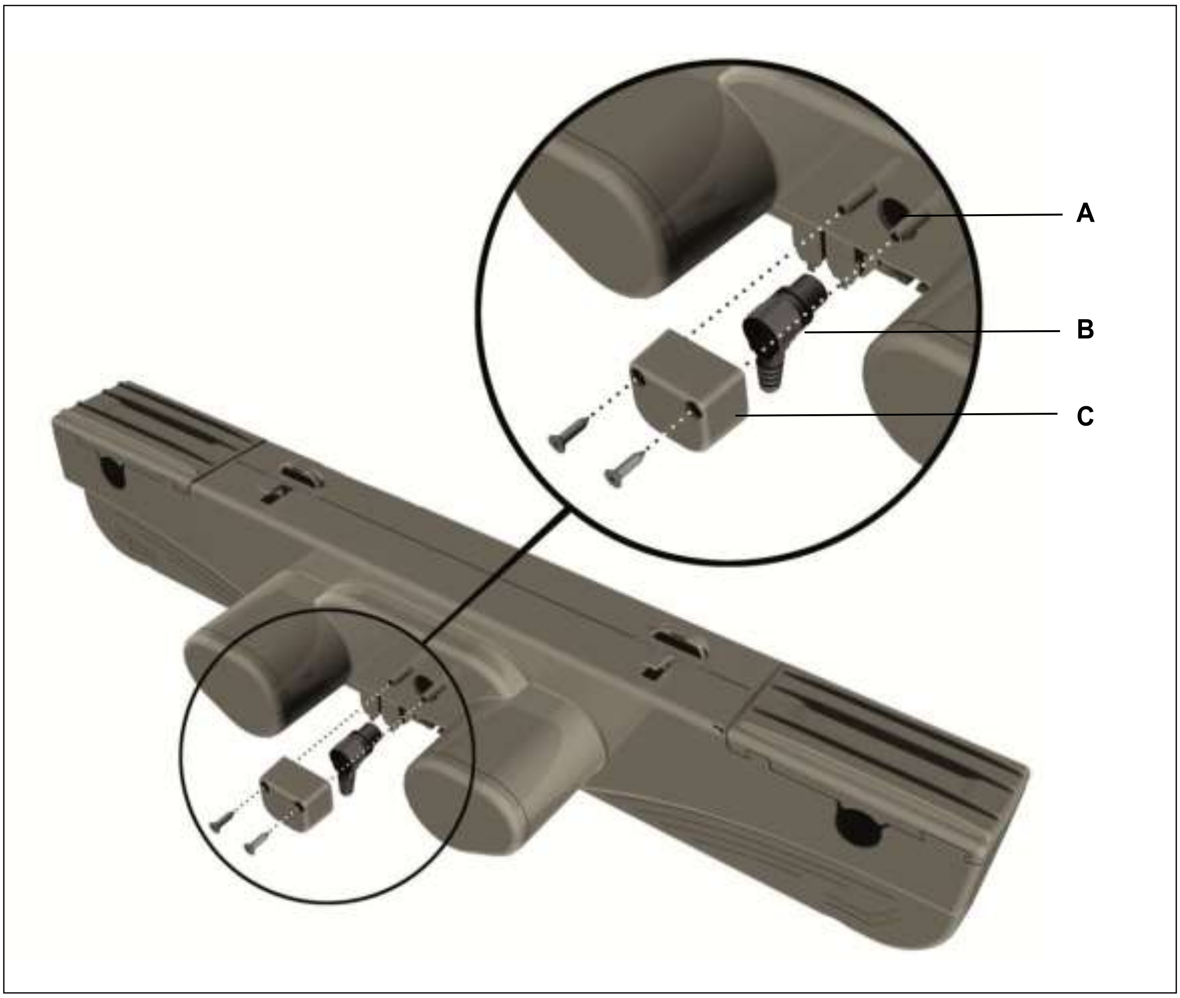

Figure 12 Power plug adapters, regional variants

A Power socket

B Power plug

C Shield cover

The pluggable power cord should be attached to the power socket (A) located on the front of the OKIMAT 6 & OKIMAT 6B drive.

⚠	⚠ **WARNING**
	Only use the proper power cable that is permitted in your country. Be sure to use the correct plug adapter, as described in Figure 8.

⚠	⚠ **CAUTION**
	You should only connect and disconnect the cables when they are completely disconnected from any live current!

1 Unscrew the screws on the shield cover (C).

2 Pull the shield cover (C) away from the socket.

3 Plug the power plug from the power cord (B) into the socket (A).

4 Put the shield cover (C) back on. Tighten the screws back on the cover.

Follow the notice below when plugging the power plug into the power outlet:

NOTICE

There is a delay after the supply voltage is applied before the device actually turns on. Wait at least 15 seconds before commissioning.

Option: battery-operated reset function Connect the 9-Vbatteries

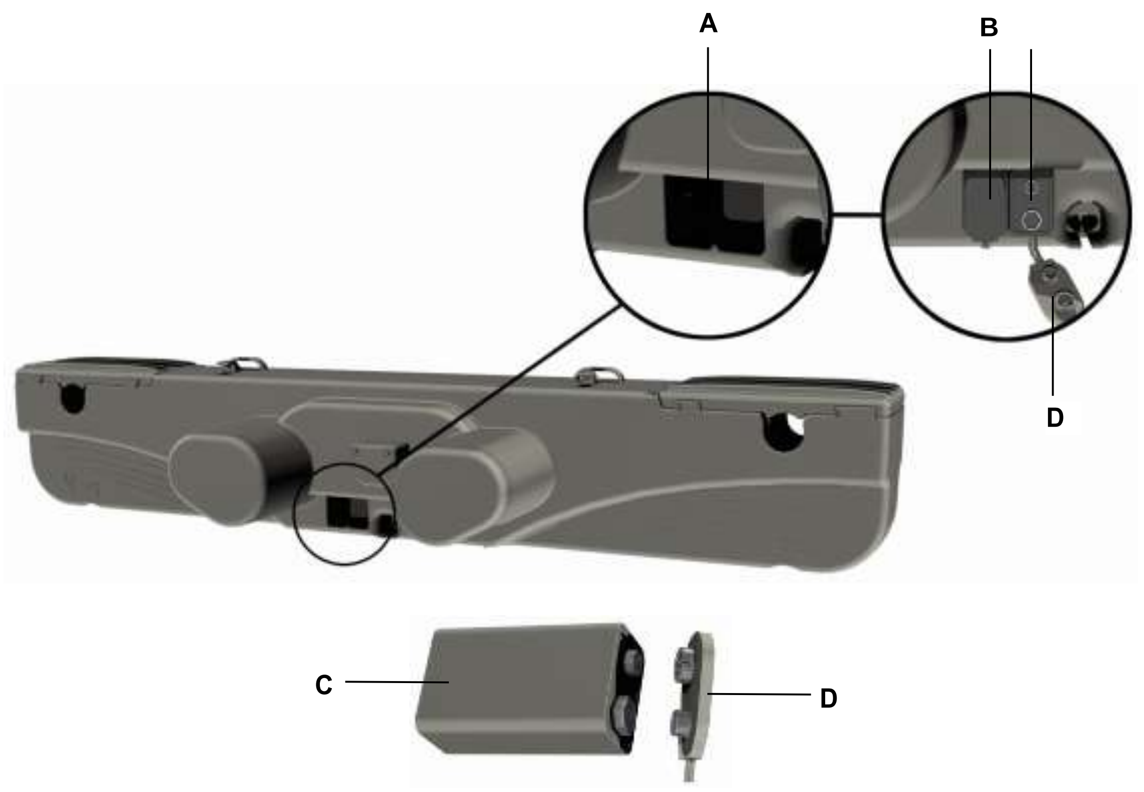

Figure13 Connecting the 9-V batteries

A	Battery compartment	**B**	Battery clip, attached
C	9-V battery (type 6LR61)	**D**	Battery clip, unattached

CAUTION

Connect the nine-volt batteries first when you would like to perform a battery-operated reset. The batteries may only be used to power the reset function one time. Take out the batteries and dispose of them properly after the reset function has been carried out.

Routing the electrical cables

When routing the cables, be sure that:

- the cables cannot get jammed,
- no mechanical load (such as pulling, pushing or bending) will be put on the cables, and
- the cables cannot be damaged in any way.

Fasten all cables (especially the mains cable) to the end product using sufficient strain relief and kink prevention methods. Be sure that the design of the end product prevents the mains cable from coming into contact with the floor during transport.

6.2.3 Dismantling

	CAUTION
	Work on electrical components should be conducted only when the mains power connection is unplugged.

▶ Certain details may change as a result of technical changes.

1 Move your product into a position where it is supporting no load.

	CAUTION
	Be sure to carry out work on the drive in a position so that no loads are bearing on it. Only in this way can you be sure to avoid any risks of crushing or injury.

2 Pull out the mains power plug

	CAUTION
	Disconnect the batteries if you are using the battery-operated reset function.

3 Disconnect all additional components such as slave drives or handset from their sockets.

	NOTICE
	Be sure to support the drive's weight to prevent it falling.

4 Pull strongly on the shutters to the side (A).

5 Pull out the OKIMAT 6 & OKIMAT 6B far enough so that the brackets (D) are out of the slots (B). The OKIMAT 6 & OKIMAT 6B is now unattached and can be removed.

6 Push the shutters (A) back onto the OKIMAT 6 & OKIMAT 6B so that they are not lost during transportation.

7. Notices for Operation

The factual information contained within may be used when you are creating the end-product manual. The installation instructions do not contain all information required for the safe operation of the end product. They only describe the installation and operation of the drive as a partially assembled piece of machinery.

⚠	⚠ **CAUTION**
	When creating the operating instructions, remember that the installation instructions are intended for qualified specialists and are not for typical users of the end product.

7.1 General notices

- ▶ Only a DewertOkin device should be used to control the drive since they have already been verified to work together.

Delayed start-up

Follow the notice below when plugging the power plug into the power outlet:

❗	**NOTICE**
	There is a delay after the supply voltage is applied before the device actually turns on. Wait at least 15 seconds before commissioning.

Power-on time / intermittent operations

The OKIMAT 6 & OKIMAT 6B drive has been designed for intermittent operations. Intermittent operation is an operational mode where the drive must pause after a specified maximum period of operation (power- on time). This protects the drive from overheating. In an extreme case, overheating can lead to a malfunction.

- ▶ The ratings plate on the drive specifies the maximum power-on time and the required pause intervals.

Avoiding toggle operations

You should avoid switching from one direction of travel to the opposite direction without first stopping the motor. – Make sure that you pause between motions! A pause (motor stop time) can be activated using the operating element or handset.

❗	**NOTICE**
	You should always avoid a quick change ("toggle") of directions.

Avoiding electrical risks

⚡	⚠ **WARNING**
	Be sure that all live (current-carrying) parts of the drive system and power supply can not be touched. In particular, be sure that unused power and controller connections are covered adequately.

Shutting off the drive

⚠ **CAUTION**

Pull out the power plug in order to shut off the drive. The power plug must always be accessible during operations so that emergency shut-off is possible.

Avoiding cable damage

Be sure that your operating instructions inform the user about the possible cable risks.

⚠ **CAUTION**

The cables (particularly the mains cable) should not be run over. In order to prevent injuries or drive damage, no mechanical strain should be placed on the cables.

Looping the handset cable through the strain relief mechanism

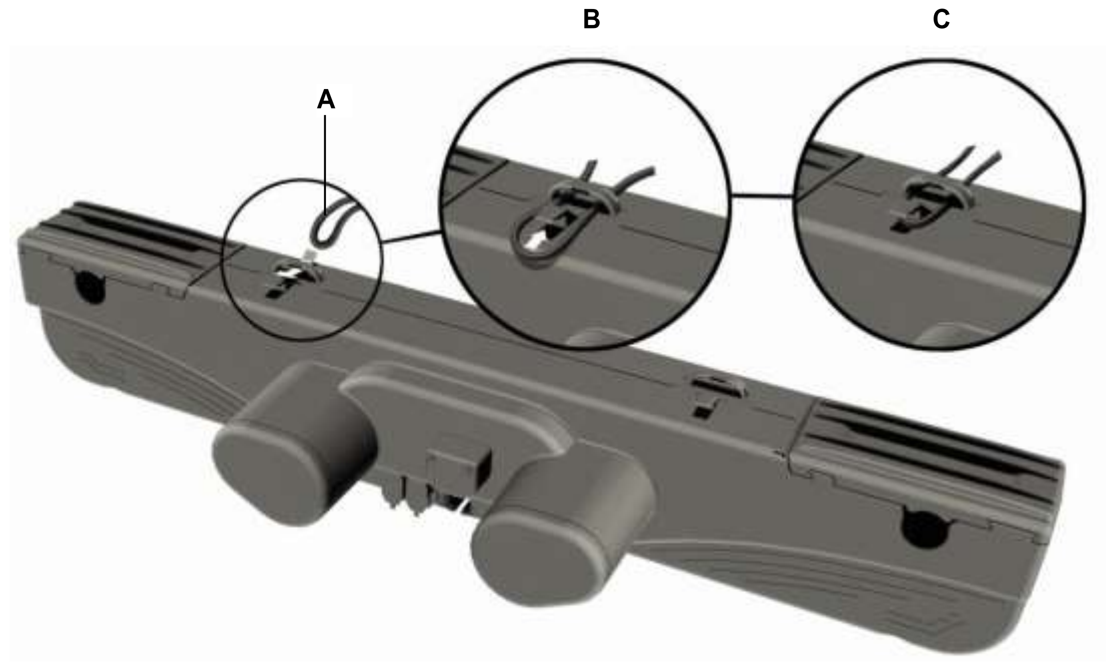

Figure 14 Looping the cable through the strain relief mechanism

A Handset cable loop

B Looped-in cable

C Secured cable

1 Connect the plug from the handset to the handset socket on the OKIMAT 6 & OKIMAT 6B.

2 Loop the handset cable through the strain relief catch and pull back gently on the loop as illustrated in Figure 14.

7.2 Notice for operating with optional configuration

7.2.1 Option: battery-operated reset function

The battery-operated reset function allows the drive system to be operated during a power outage. One or two 9-V batteries can be used to power the OKIMAT 6 & OKIMAT 6B in the event of a power outage. The batteries should only be connected when a power cut occurs. The batteries are not connected by default since they have limited capacity. They can only be used to power the reset function once. The used batteries should then be replaced and properly disposed of.

⚠	⚠ **CAUTION**
	The battery-operated reset function is not a safety system and does not avert danger.

⚠	⚠ **CAUTION**
	Connect the nine-volt batteries first when you would like to perform a battery-operated reset. The batteries may only be used to power the reset function one time. Take out the batteries and dispose of them properly after the reset function has been carried out.

▶ If the end product is under a heavy load which prevents the reset function from operating, the strain or load on the end product must first be removed before a reset can be carried out.

7.2.2 Option: The mains cut-off mechanism

The mains cut-off feature is only available with the attached power cord variants. The mains cut-off mechanism is responsible for isolating the drive automatically from the mains power supply when the drive is not moving. A switching component is used to isolate both poles of the power transformer from the mains power supply.

The mains cut-off mechanism allows power to the drive only after a button has been pressed on the handset to trigger drive motion.

▶ Do not use the integrated mains cut-off if you already use an in-house mains cut-off system.

⚠	⚠ **WARNING**
	The mains cut-off is not a "central command device" in the sense used by the DIN VDE regulations. You should first completely disconnect the voltage supply from the drive system before conducting any type of work on a DewertOkin product which features a mains cut-off. First pull out the power plug. This guarantees that the system is safely shut off in compliance with the German DIN VDE 0105 and BGV A3 regulations.

8. Troubleshooting

This chapter describes troubleshooting methods for fixing problems. If you experience an error that is not listed in this table, please contact your supplier.

⚠ **CAUTION**

Only qualified specialists who have received electrician training should carry out trouble-shooting and repairs.

Problem	Possible cause	Remedy
The handset or drive system is not functioning.	There is no mains supply voltage.	Connect the mains power.
	The hand switch or drive system is defective.	Please contact your supplier or sales agent.
The drive is suddenly not capable of movement.	Possibly the thermal circuit breaker on the transformer has been triggered or is defective.	The drive system should be allowed to pause for 20 to 30 minutes.
	The thermal fuse on the transformer may have been triggered or may be defective.	Please contact your supplier or sales agent.
	The unit's fuse may have been triggered or may be broken.	Please contact your supplier or sales agent.
	There is no mains supply voltage.	Connect the mains power.
	A lead-in connection has been interrupted (mains power, hand switch or auxiliary drive).	Check the lead-in connections and re-seat the contacts if required.
The battery-operated reset is not functioning.	The batteries are empty.	Check the batteries and replace if necessary.
	Battery is not connected.	Connect the batteries.

9. Maintenance

▶ You should only use spare parts which have been manufactured or approved by DewertOkin. Only these parts will guarantee a sufficient level of safety.

9.1 Maintenance

Type of check	Explanation	Time interval
Check the function and safety of the electrical system.	A qualified electrician should carry out this inspection. (Refer to the "Electrical connection" section in the "Installation" chapter.)	Periodic inspections can be carried out at intervals based on the risk assessment which you conduct for your end product.
Look over the plug-in connections and electrical access points for signs of damage.	Check that all electrical cables and connections are firmly seated and correctly positioned.	At least every six months.
Look over the cables for any signs of damage.	Check the connecting cables for pinching or shearing. Also check the strain relief and kink protections mechanisms, in particular after any mechanical load.	At least every six months.
Periodic functional test of the end switches.	Move the drive to the end positions in order to test the end switches.	At least every six months.

9.2 Cleaning and care

The OKIMAT 6 & OKIMAT 6B drive was designed so that it would be easy to clean.

NOTICE

Never clean the drive in an automated washing system or with a high-pressure cleaner. Do not allow fluids to penetrate the drive. Damage to the system could result.

1 Always disconnect the mains power plug before you start to clean the drive!

CAUTION

Disconnect the batteries if you are using the battery-operated reset function.

2 Clean the OKIMAT 6 & OKIMAT 6B drive using a dry cloth.

3 Be sure that you do not damage the drive's connecting cable.

NOTICE

Do not use a cleanser that contains benzene, alcohol or similar solvents.

10. Disposal

10.1 Packaging material

The packaging material should be sorted into recyclable components and then disposed of in accordance with the appropriate national environmental regulations (in Germany according to the recycling law KrWG from 01.06.2012; internationally according to the EU Directive 2008/98/EC (Waste Framework Directive WFD as of 12.12.2008)).

10.2 Drive components

The OKIMAT 6 & OKIMAT 6B drive consists of electronic components, cables and metal and plastic parts. You should observe all corresponding national and regional environmental regulations when disposing of the OKIMAT 6 & OKIMAT 6B drive.

The disposal of the product is regulated in Germany by Elektro-G, internationally by the EU Directive 2012/19/EC (WEEE), or by any applicable national laws and regulations.

The OKIMAT 6 & OKIMAT 6B drive should not be disposed of with normal household waste!

The disposal of the 9-V batteries is regulated in the EU by Battery Directive 2006/66/EC, in Germany by the BattG battery law of 25.6.2009, and internationally by any applicable national laws and regulations.

The batteries should not be disposed of with normal household waste!

EU Declaration of Conformity

DewertOkin Technology Group Co., Ltd.
No.1507, Taoyuan Road, Gaozhao Street, Xiuzhou District, Jiaxing City, Zhejiang Province, China.

For the following electrical products:

Actuator

Model Number: OKIMAT 6 & OKIMAT 6B

Hereby declares that these products, regarding their design and concept, as well as the type supplied by the manufacturer, are conform to the EU regulations and standards:

Directive 2014/35/EU

Directive 2006/42/EC
EN 60335-1:2012+A11+A13+A1+A14+A2+A15
EN 62233: 2008
EN ISO 12100: 2010

Directive 2014/30/EU
EN IEC 55014-1:2021
EN IEC 55014-2:2021
EN IEC 61000-3-2:2019+A1
EN 61000-3-3:2013+A1+A2

Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) - Directive 2011/65/EU, incl. (EU) 2015/863

In the event of an independent design change which effects the technical data or the intended use, i.e. which significantly alters the drive system, this declaration loses its validity.

Simon Tan
Jiaxing, October 24th, 2024
DewertOkin Technology Group Co., Ltd.

OKIN
A DewertOkin Technology Brand

ONE-STOP SOLUTION FOR SMART FURNITURE

DewertOkin Technology Group Co., Ltd.

Add: No.1507 Taoyuan Road, Gaozhao Street, Xiuzhou District
Jiaxing | Zhejiang | China | 314031

Web: DewertOkin (dewertokintechnology.com)